

# South Dakota's Nursing Education and Workforce Reports

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**SOUTH**  **DAKOTA**  
Center *for* Nursing Workforce

# Practical Nurse Education Programs

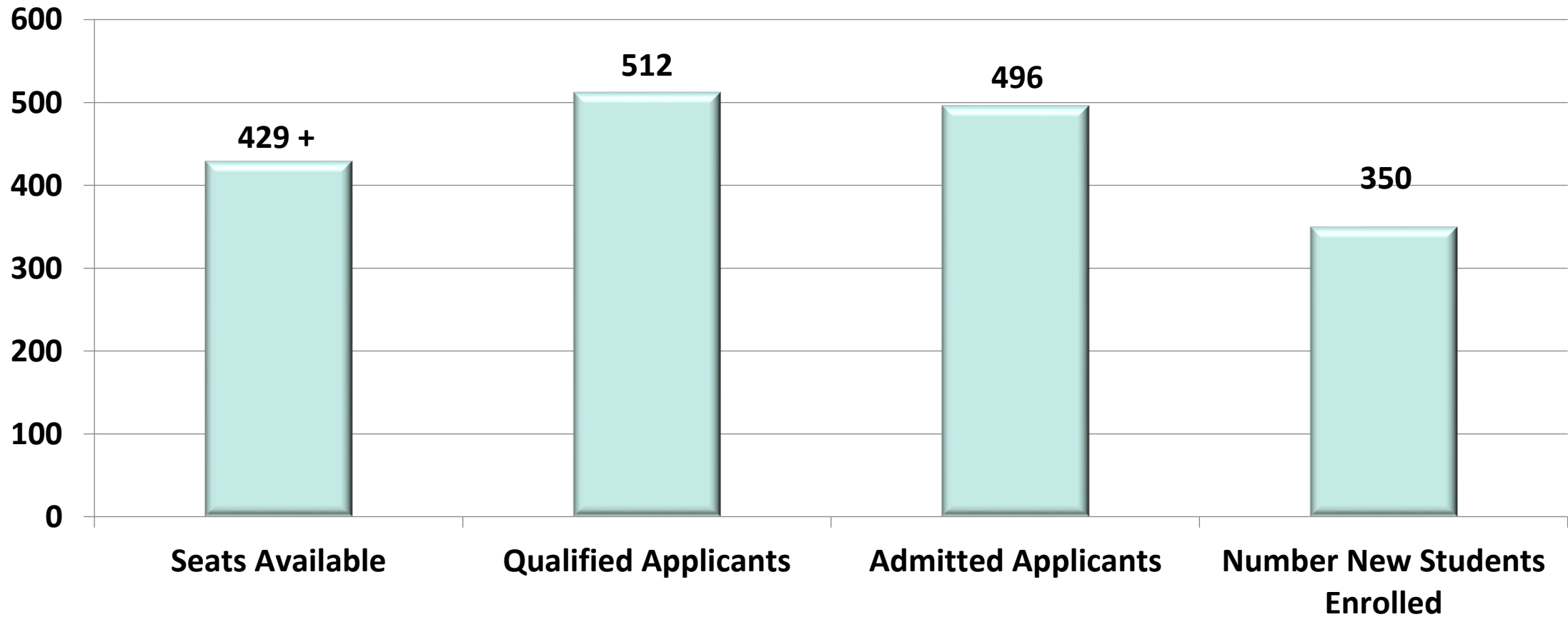
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# Approved PN Programs

## April 2023

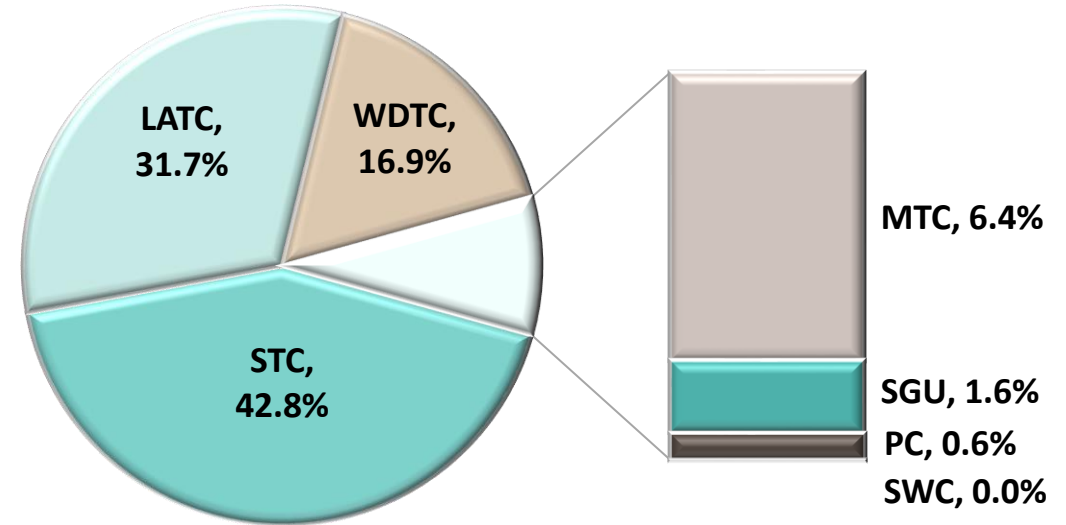
Lake Area Technical College (LATC)  
Mitchell Technical College (MTC)  
Presentation College (PC)  
Sinte Gleska University (SGU)  
Sisseton Wahpeton College (SWC)  
Southeast Technical College (STC)  
Western Dakota Technical College (WDTC)

# PN Programs Total Capacity

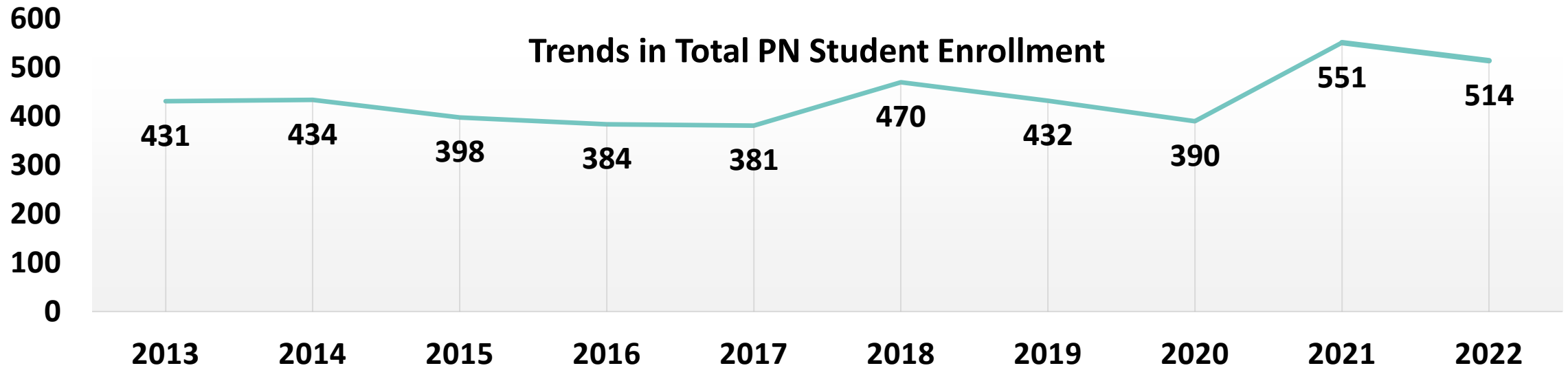


# PN Programs Total Enrollment

Percentage of PN Students Enrolled by Program



Trends in Total PN Student Enrollment



# PN Programs

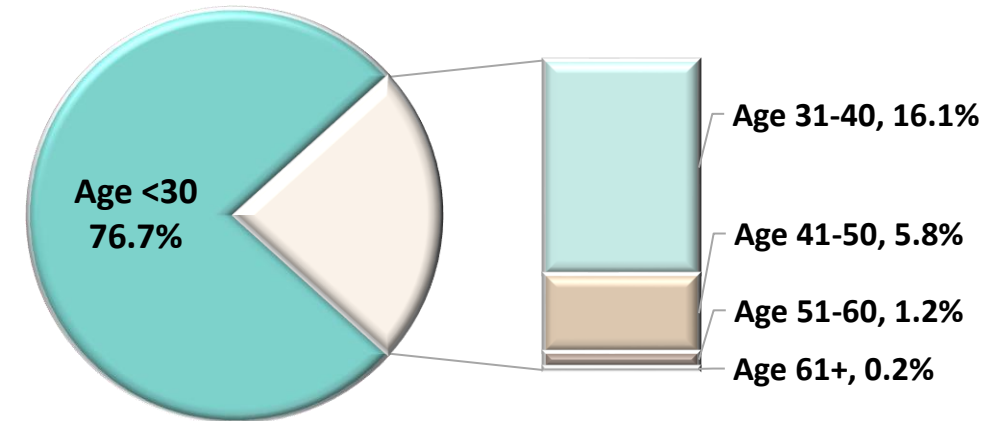
## Student Characteristics

### Gender

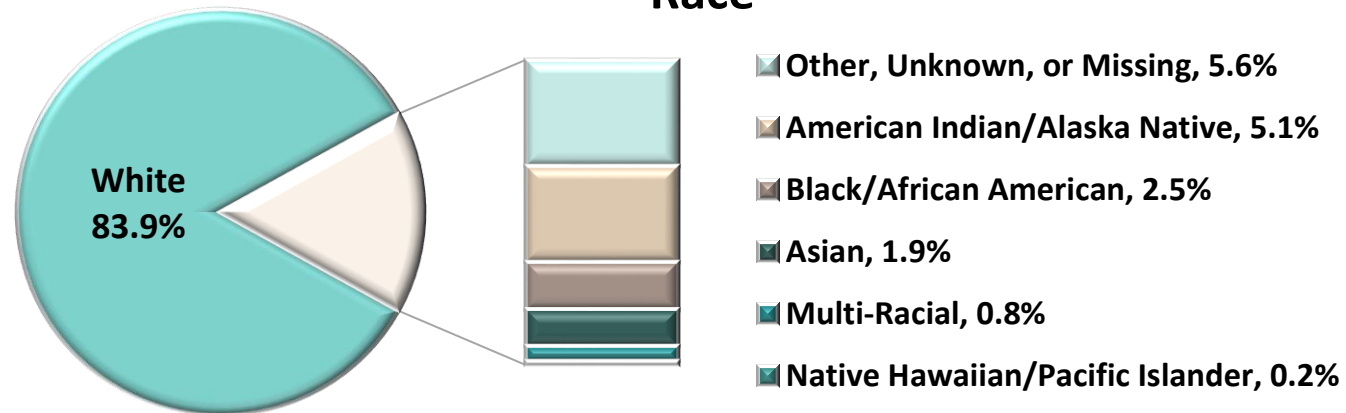


90.9% Female  
8.9% Male  
0.2% Other

### Age

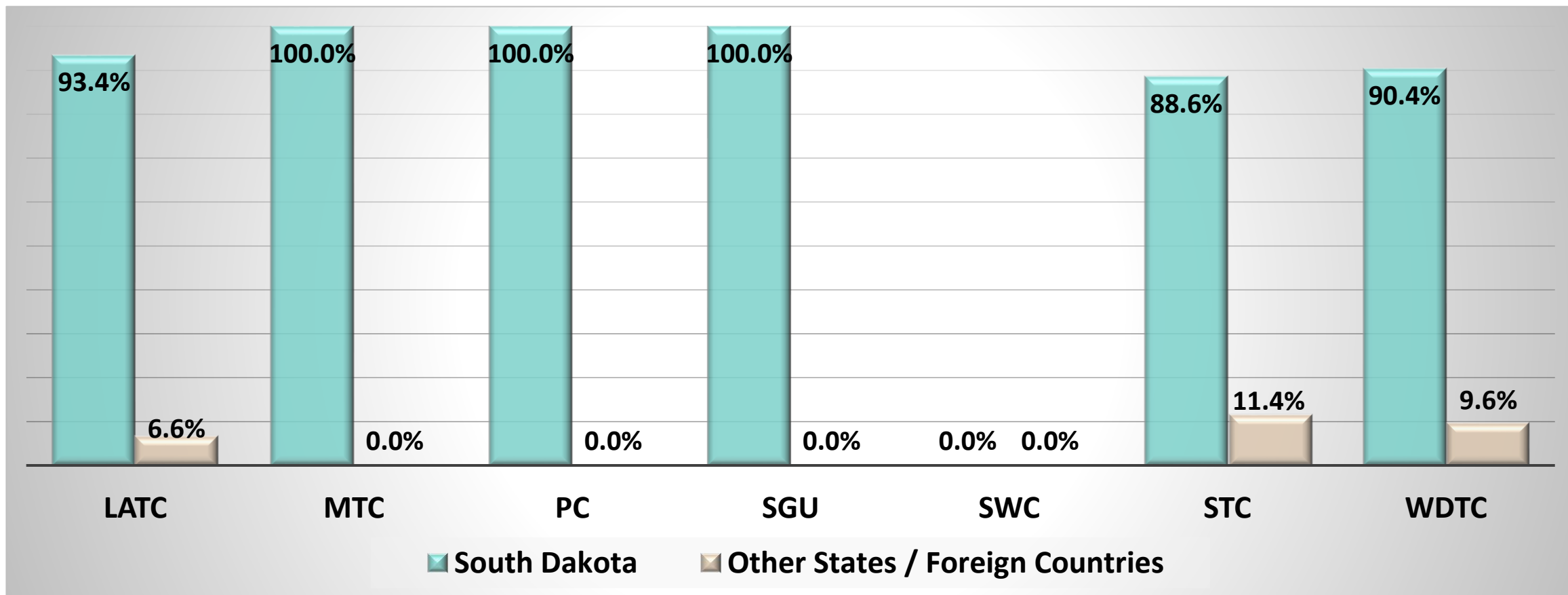


### Race



# PN Programs Graduates

## State of Residence

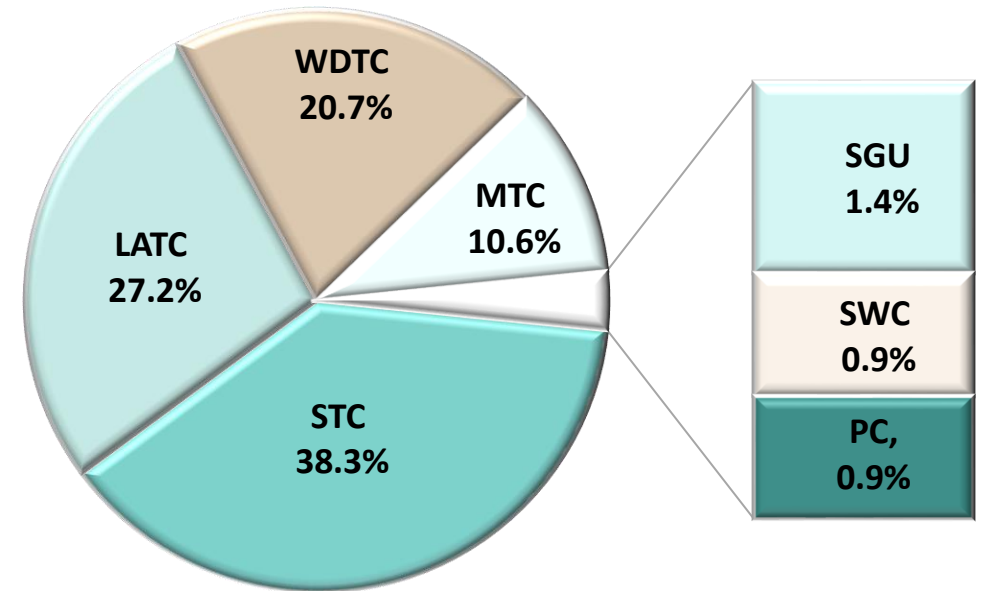


# PN Programs Graduates

## Graduates Licensed as LPNs in South Dakota

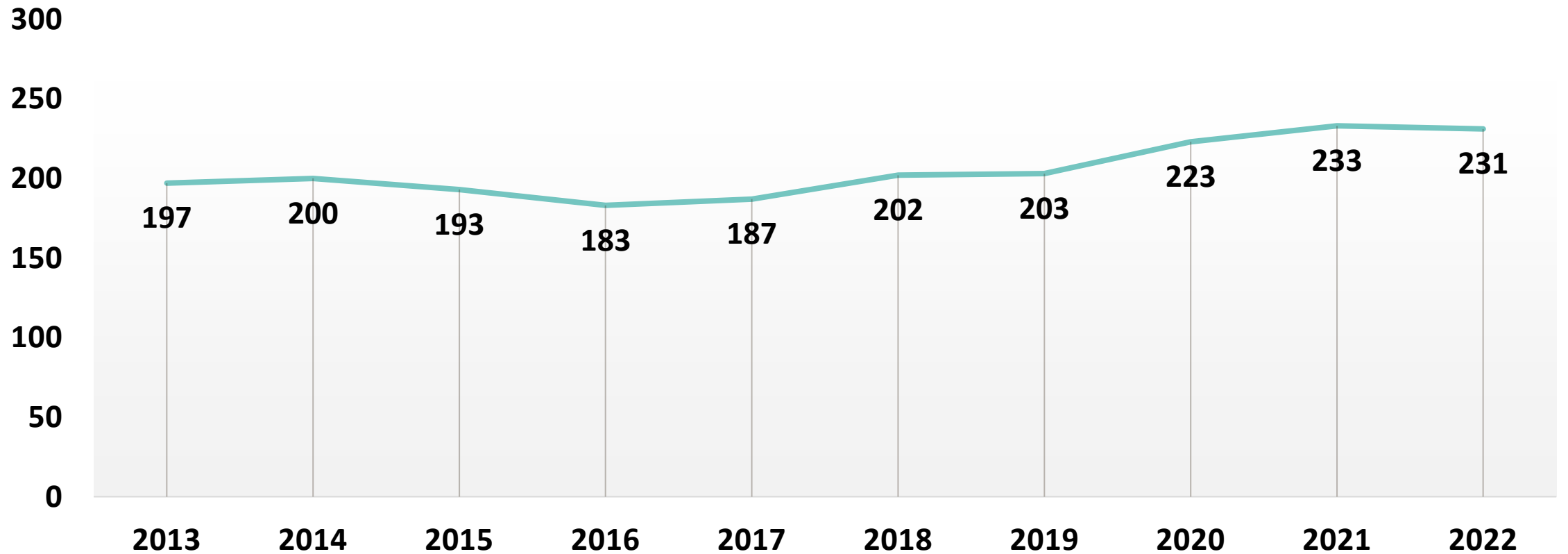
Practical Nurse Program	Graduates Produced	Graduates Licensed in SD	
Lake Area Technical College	61	59	(96.7%)
Mitchell Technical College	22	23*	(104.5%)
Presentation College	3	2	(66.7%)
Sinte Gleska University	5	3	(60.0%)
Sisseton Wahpeton College	0	2*	(--%)
Southeast Technical College	88	83	(94.3%)
Western Dakota Technical College	52	45	(86.5%)
<b>Total:</b>	<b>231</b>	<b>217</b>	<b>(93.9%)</b>

## Percentage of PN Program's Graduates Licensed in SD of Total Licensed in SD

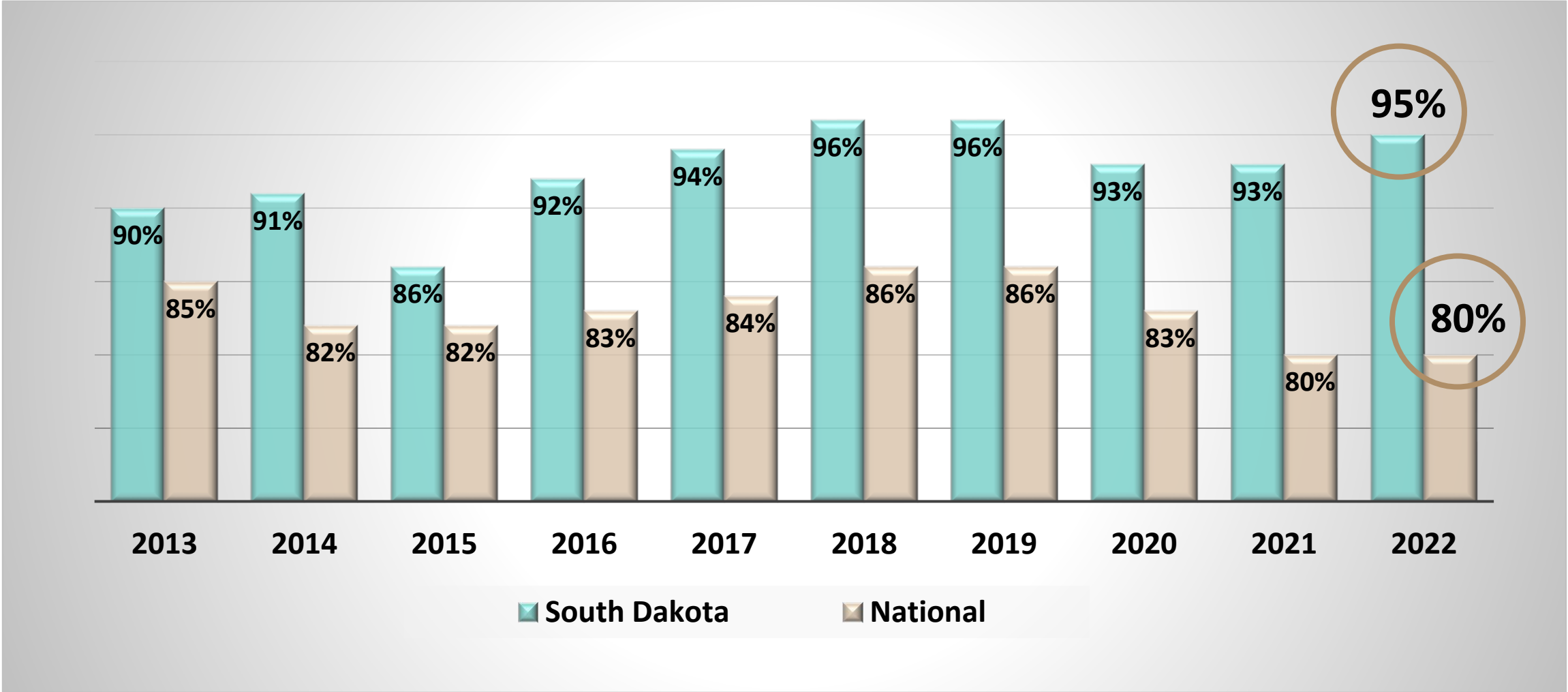




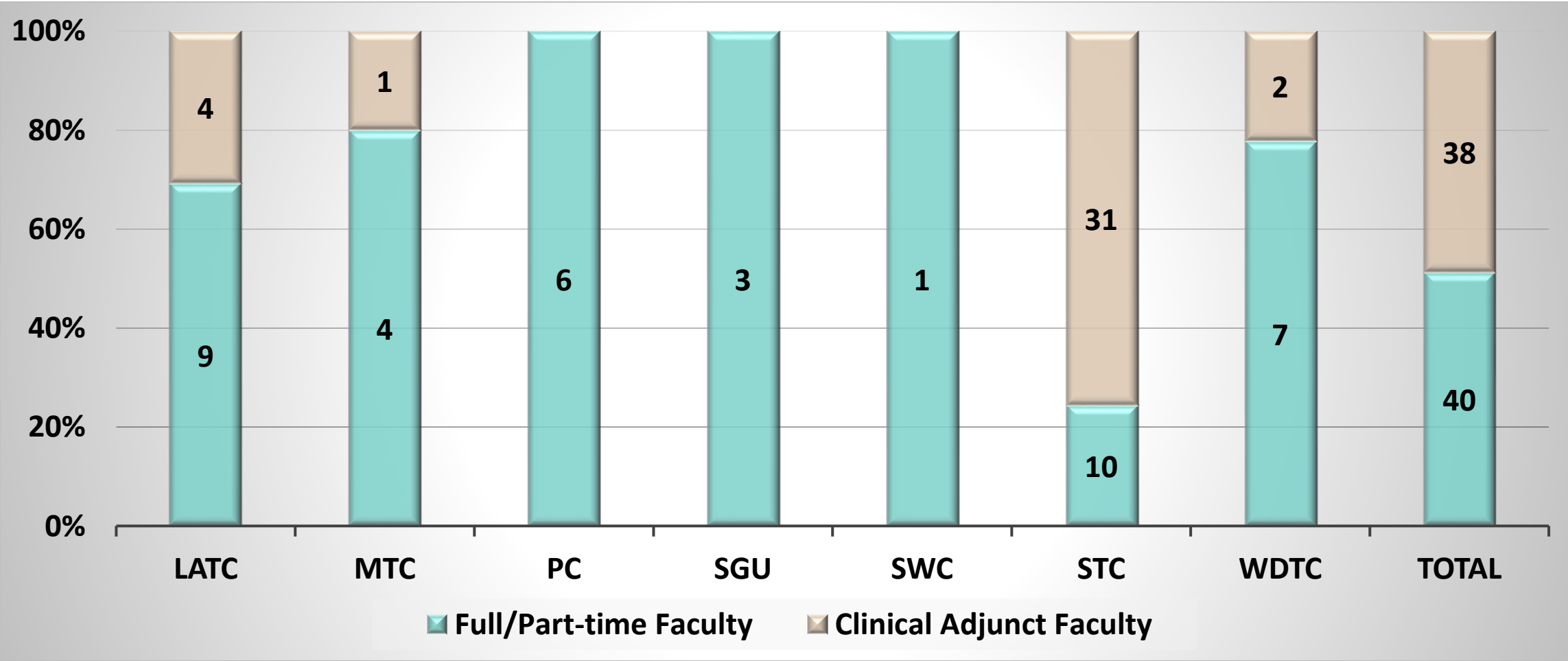
# Trends in PN Graduates



# South Dakota NCLEX-PN Results



# PN Program Faculty



# PN Program Faculty

## PN Faculty Age and Academic Preparation

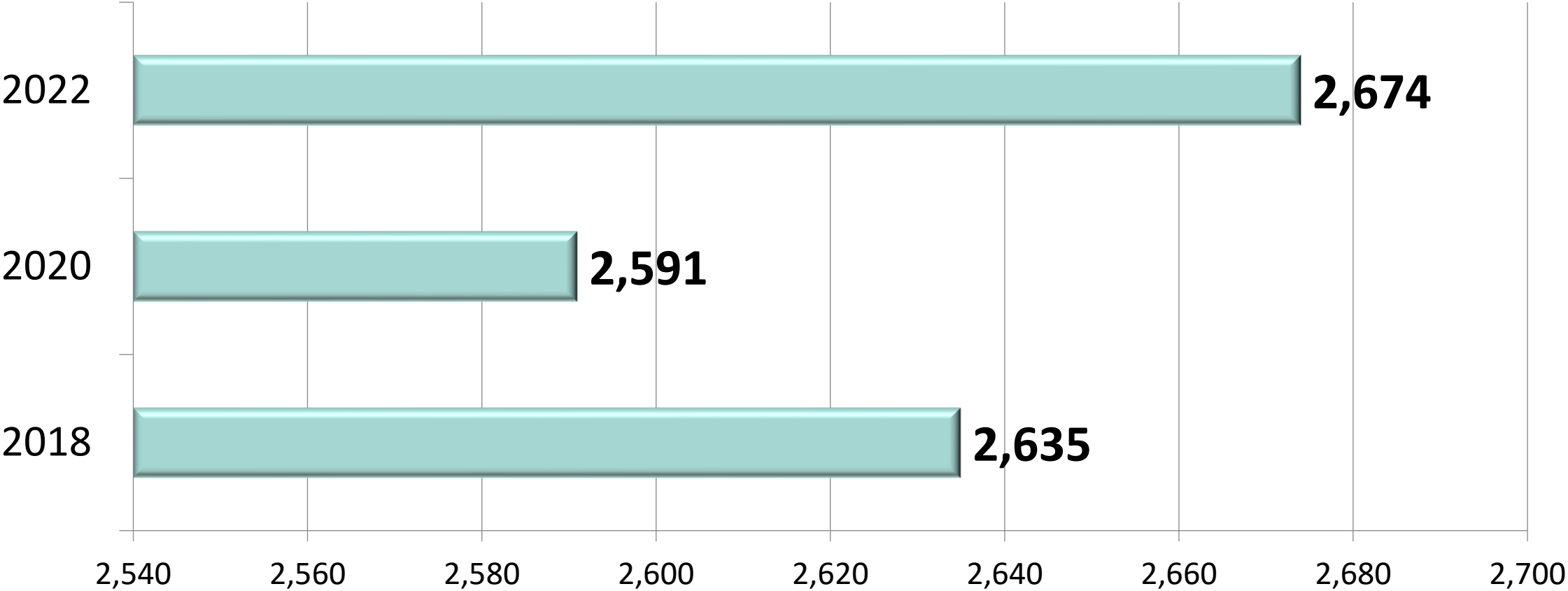
Practical Nurse Program	< 30	31-40	41-50	51-60	61+	Total	%
PhD in Nursing	0	1	0	0	0	1	2.5%
Doctor of Nursing Practice	0	1	1	0	0	2	5.0%
Master's in Nursing	4	12	4	3	2	25	62.5%
Bachelor's in Nursing	4	2	2	3	1	12	30.0%
<b>Total:</b>	8	16	7	6	3	40	100.0%
<b>Percent</b>	20.0%	40.0%	17.5%	15.0%	7.5%	100.0%	

# LPN Supply

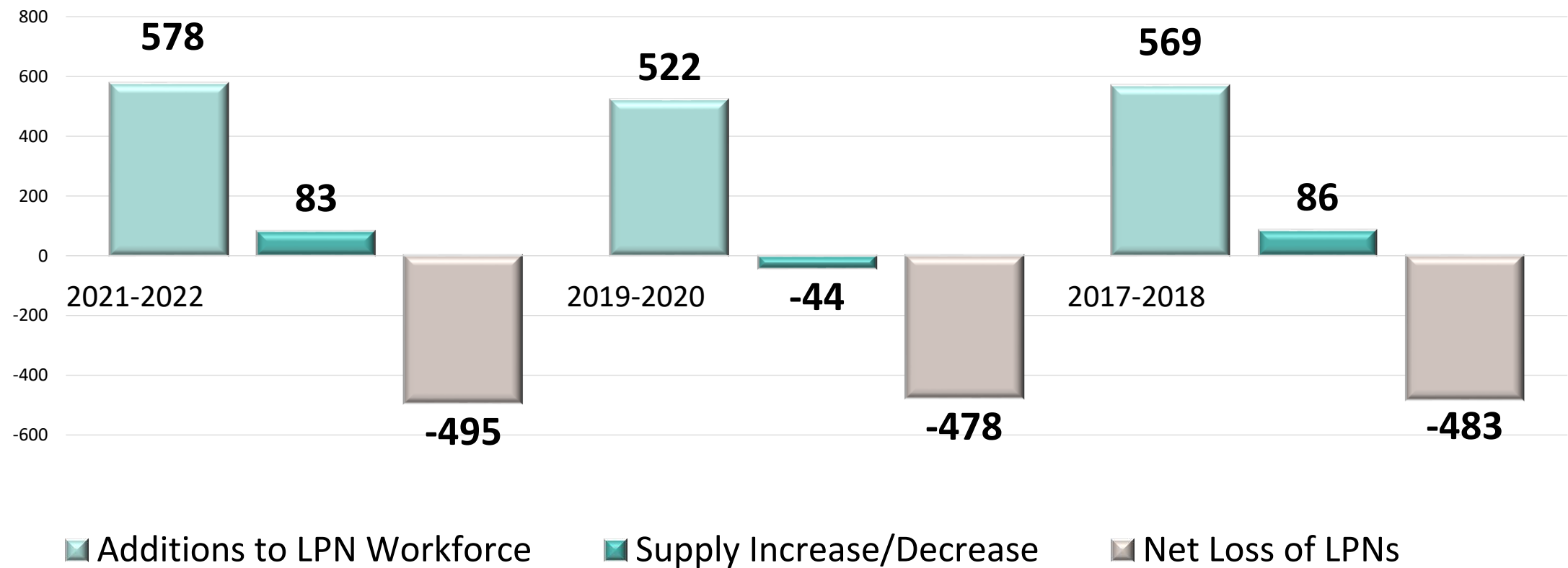
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# South Dakota

## Actively Licensed Practical Nurses



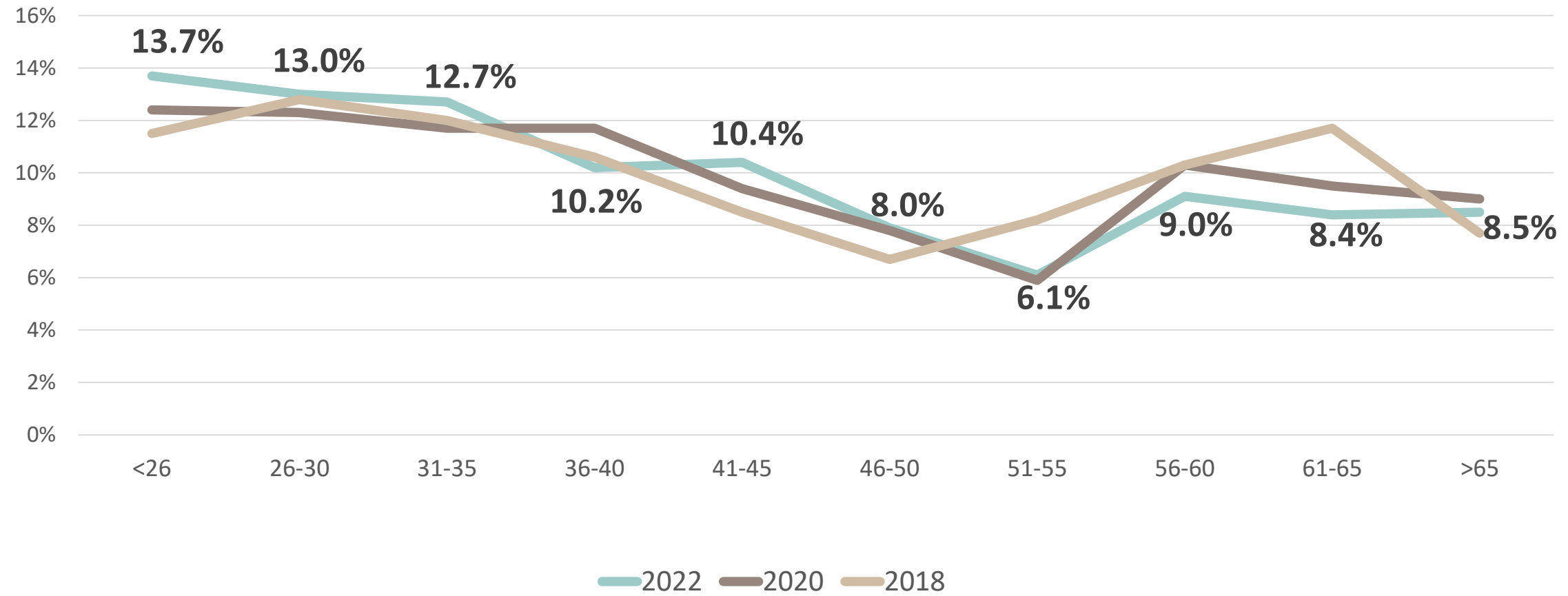
# LPN Workforce Gains and Losses



# LPN Characteristics

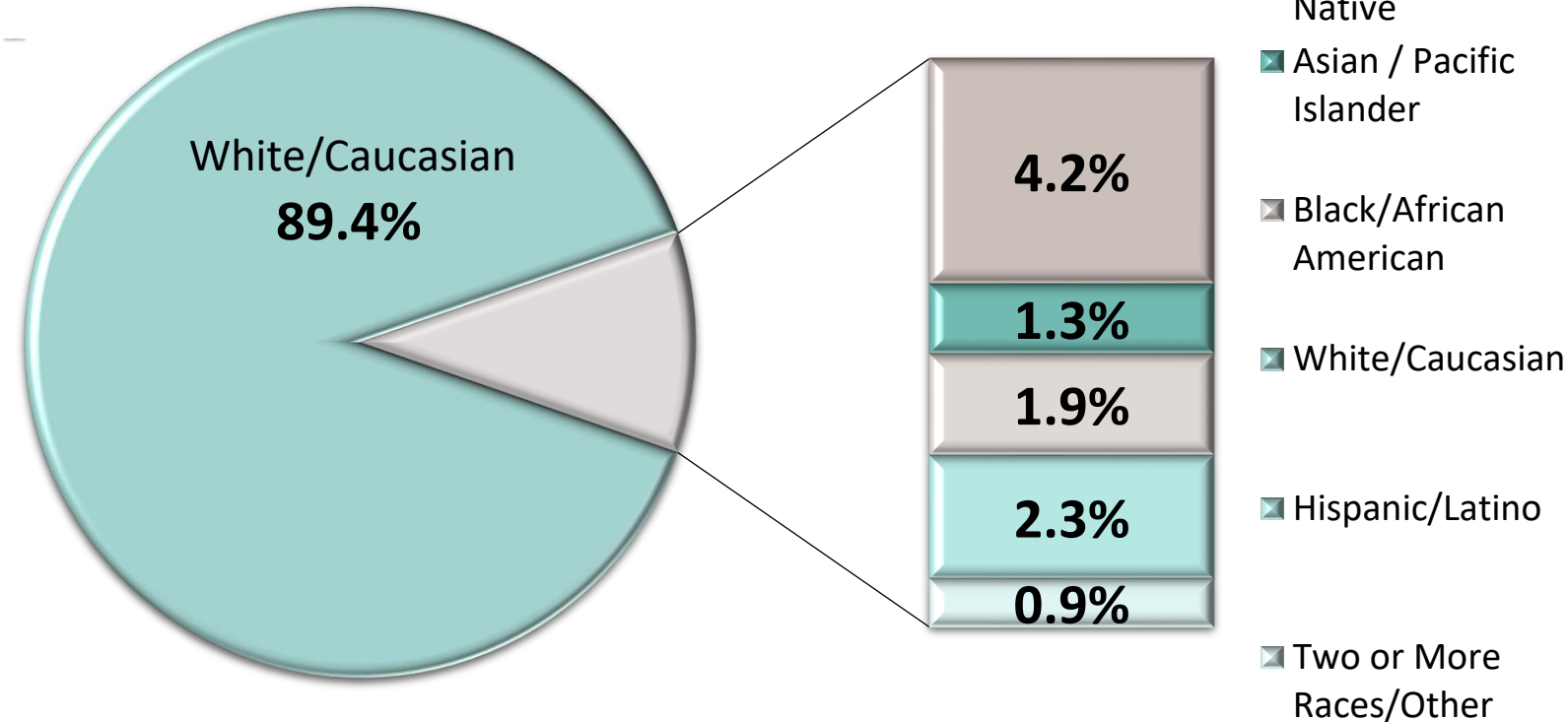
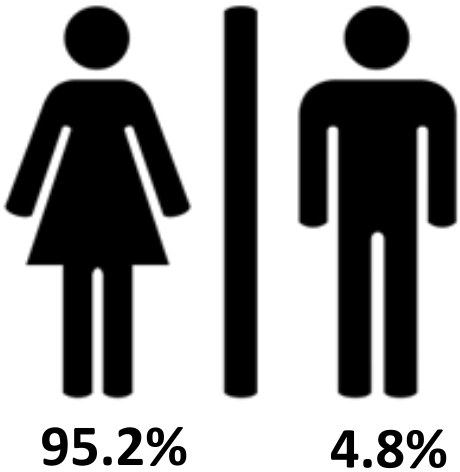
Average Age: 42.8

32.0% are 51 years or older

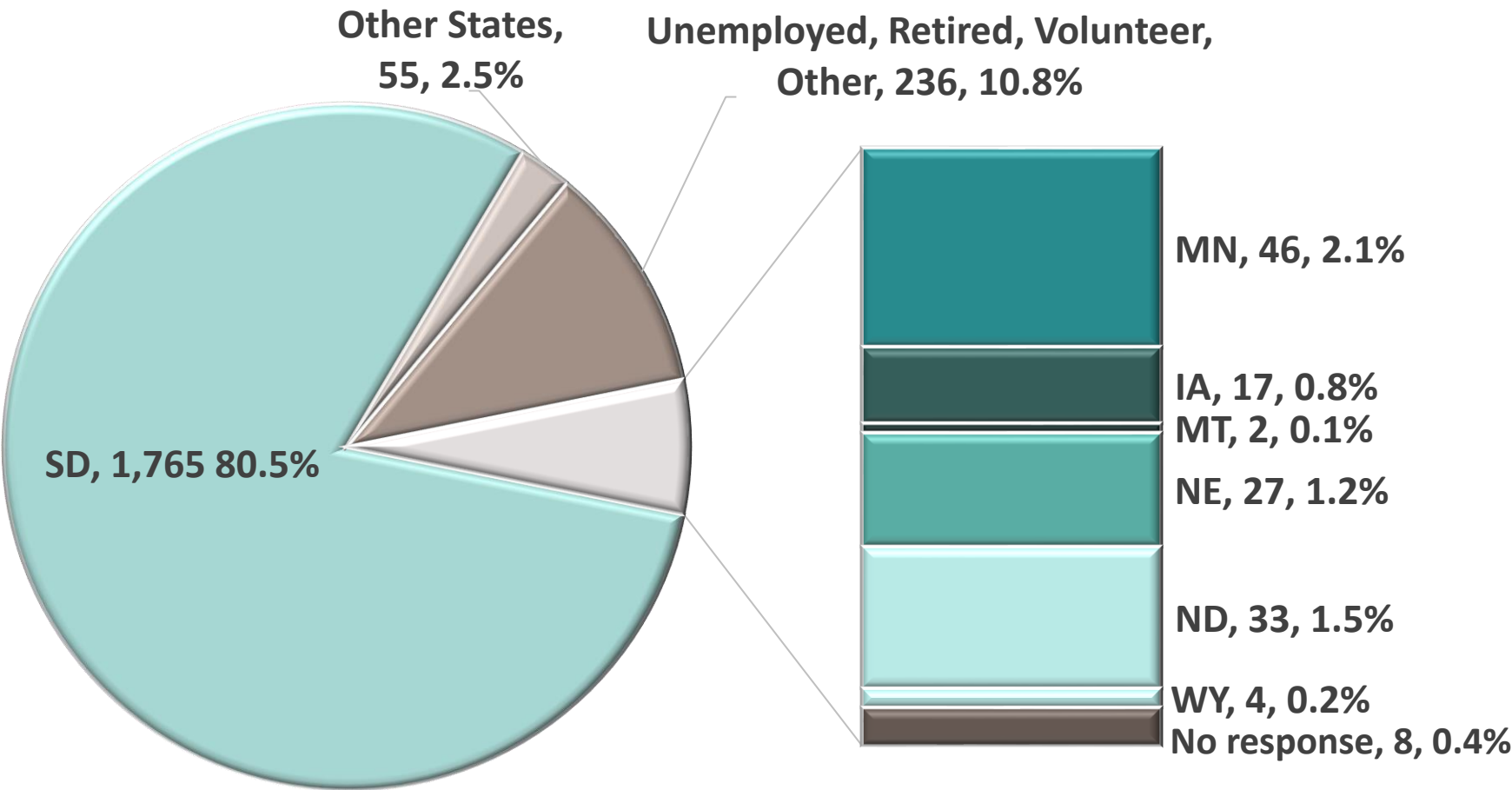




# LPN Characteristics

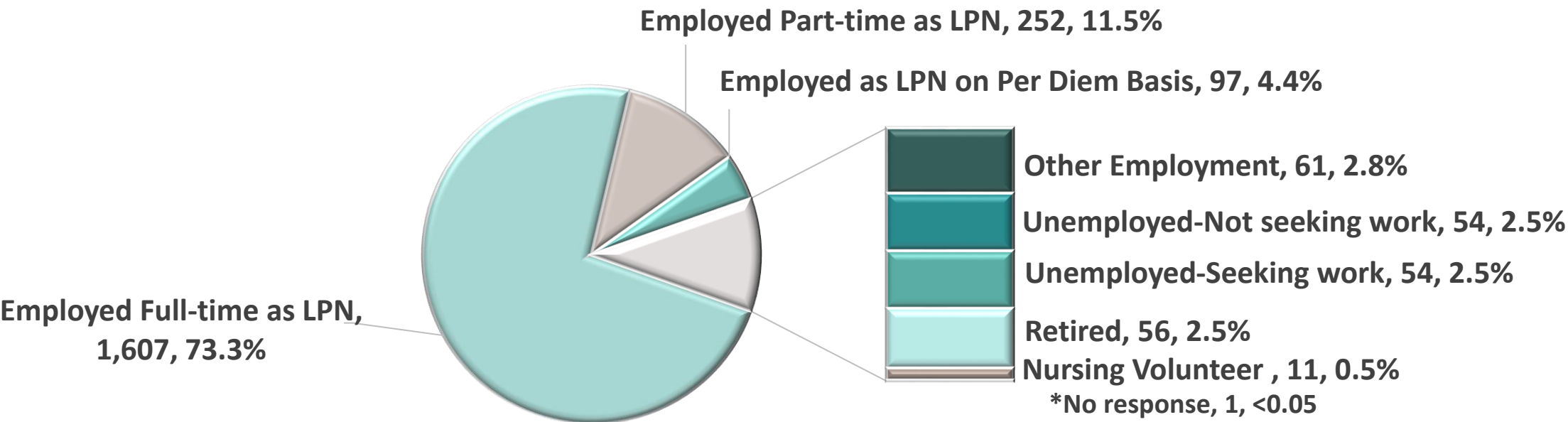


# LPN Employment: Primary State of Practice



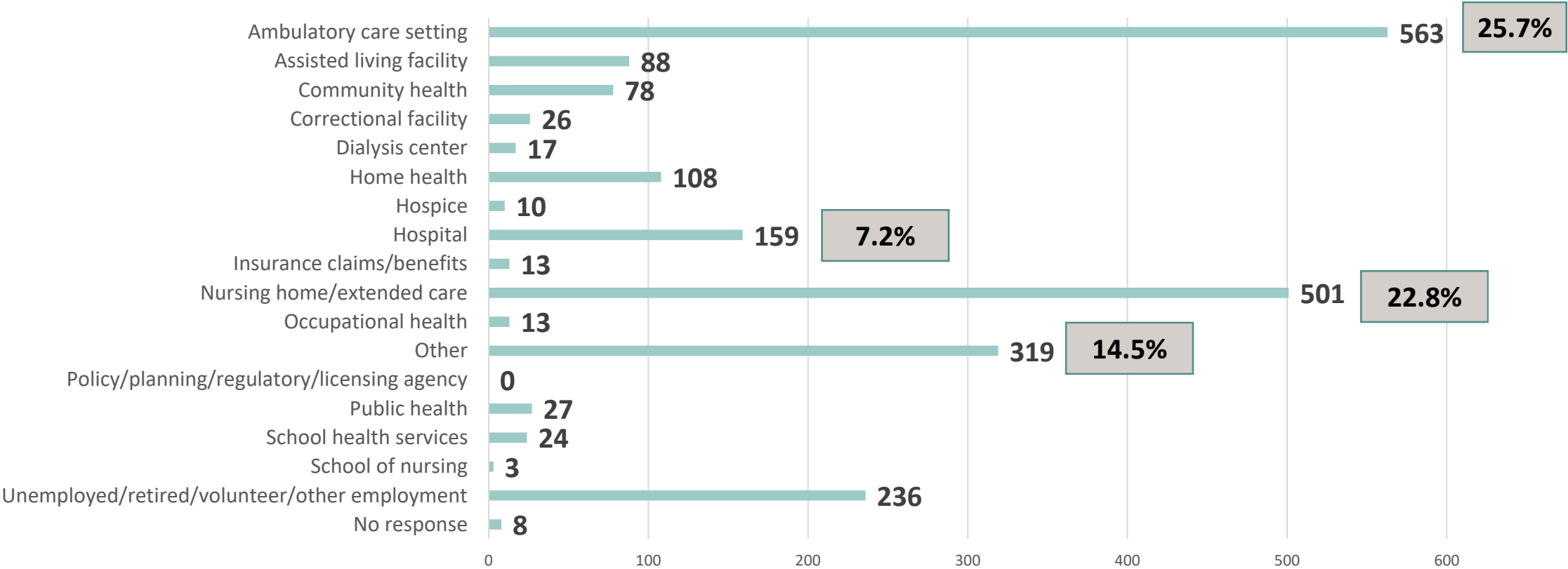
**80.5% of LPNs were employed in the state of South Dakota**

# LPN Employment Status



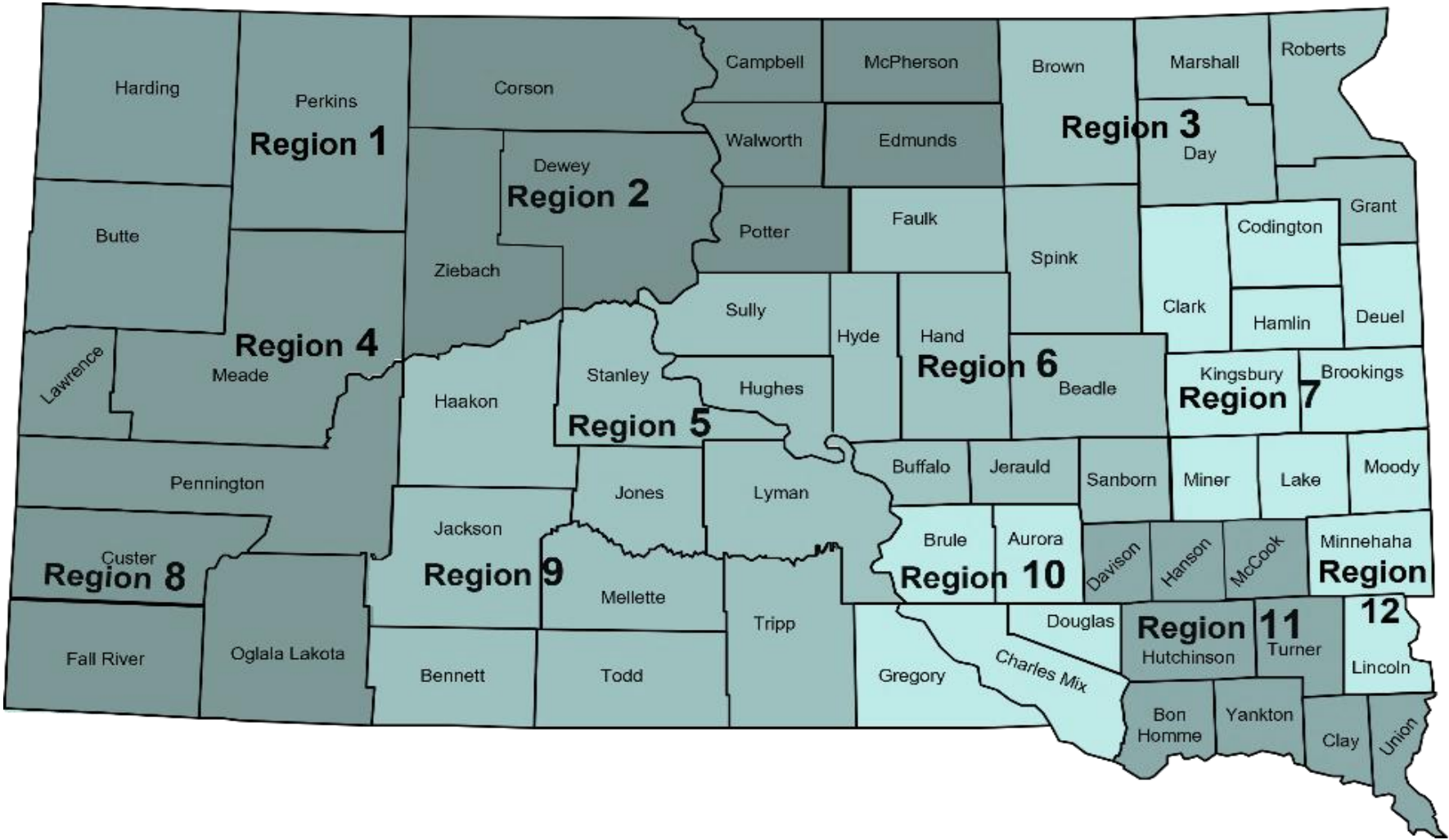
**89.2% were employed in the nursing profession full-time, part-time, or per diem**

# LPN Primary Employment Setting



**24.0%, practiced in the specialty area of geriatric/gerontology and 18.2% in adult health/family health**

# LPN Distribution



LPN Regional Distribution

Region	Counties/State	Region Population <sup>2</sup>	Region's % of State Population	Number of LPNs Residing in Region	Region's % of LPN Population	LPN to Population Ratio
Region 1	3 Counties: Butte, Harding, and Perkins	14,602	1.6%	41	1.6%	228.1
Region 2	8 Counties: Campbell, Corson, Dewey, Edmunds, McPherson, Potter, Walworth, and Ziebach	27,054	3.0%	75	3.0%	225.2
Region 3	5 Counties: Brown, Day, Grant, Marshall, and Roberts	65,501	7.3%	198	8.0%	245.6
Region 4	3 Counties: Lawrence, Meade, and Pennington	168,144	18.8%	469	18.8%	226.6
Region 5	6 Counties: Haakon, Hughes, Jones, Lyman, Stanley, and Sully	28,680	3.2%	62	2.5%	175.6
Region 6	8 Counties: Beadle, Buffalo, Faulk, Hand, Hyde, Jerauld, Sanborn, and Spink	37,795	4.2%	102	4.1%	219.3
Region 7	9 Counties: Brookings, Clark, Codington, Deuel, Hamlin, Kingsbury, Lake, Miner, and Moody	102,120	11.4%	301	12.1%	239.5
Region 8	3 Counties: Custer, Fall River, and Oglala Lakota	29,397	3.3%	58	2.3%	160.3
Region 9	5 Counties: Bennett, Jackson, Mellette, Tripp, and Todd	23,047	2.6%	53	2.1%	186.8
Region 10	5 Counties: Aurora, Brule, Charles Mix, Douglas, and Gregory	23,951	2.7%	60	2.4%	203.5
Region 11	9 Counties: Bon Homme, Clay, Davison, Hanson, Hutchinson, McCook, Turner, Union, Yankton	107,530	12.0%	283	11.3%	213.8
Region 12	2 Counties: Lincoln and Minnehaha	267,555	29.9%	795	31.8%	241.4
South Dakota Total	66 counties	895,376	100.0%	2,497 (93.4%)	100.0%	226.6
Out-of-State	Minnesota	--	--	103 (3.9%)	--	--
	Other States/Jurisdictions	--	--	74 (2.7%)	--	--
Total		--	--	2,674 (100.0%)	--	--

# Registered Nurse Education Programs

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# Approved RN Programs

## April 2023

### Associate RN Programs:

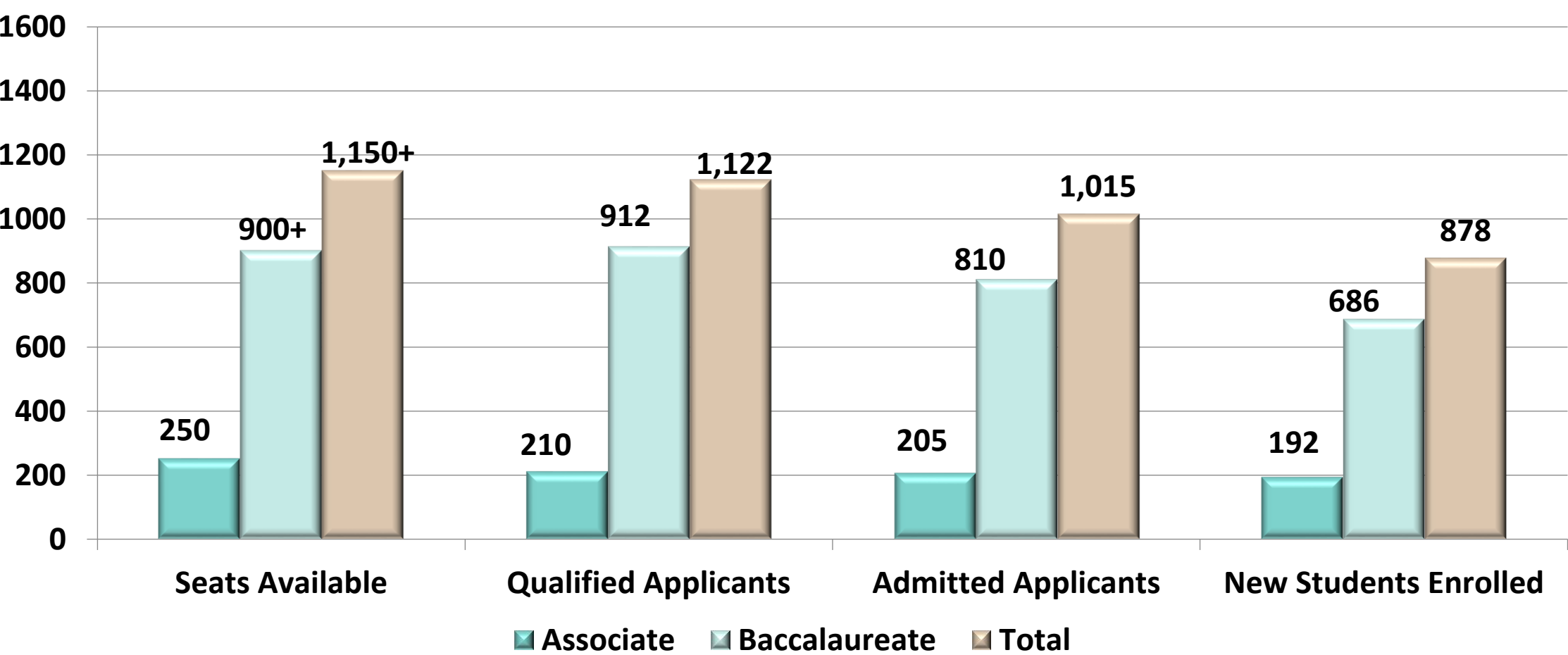
Lake Area Technical College (LATC)  
Mitchell Technical College (MTC)  
Oglala Lakota College (OLC)  
Southeast Technical College (STC)  
Western Dakota Technical College (WDTC)

### Baccalaureate RN Programs:

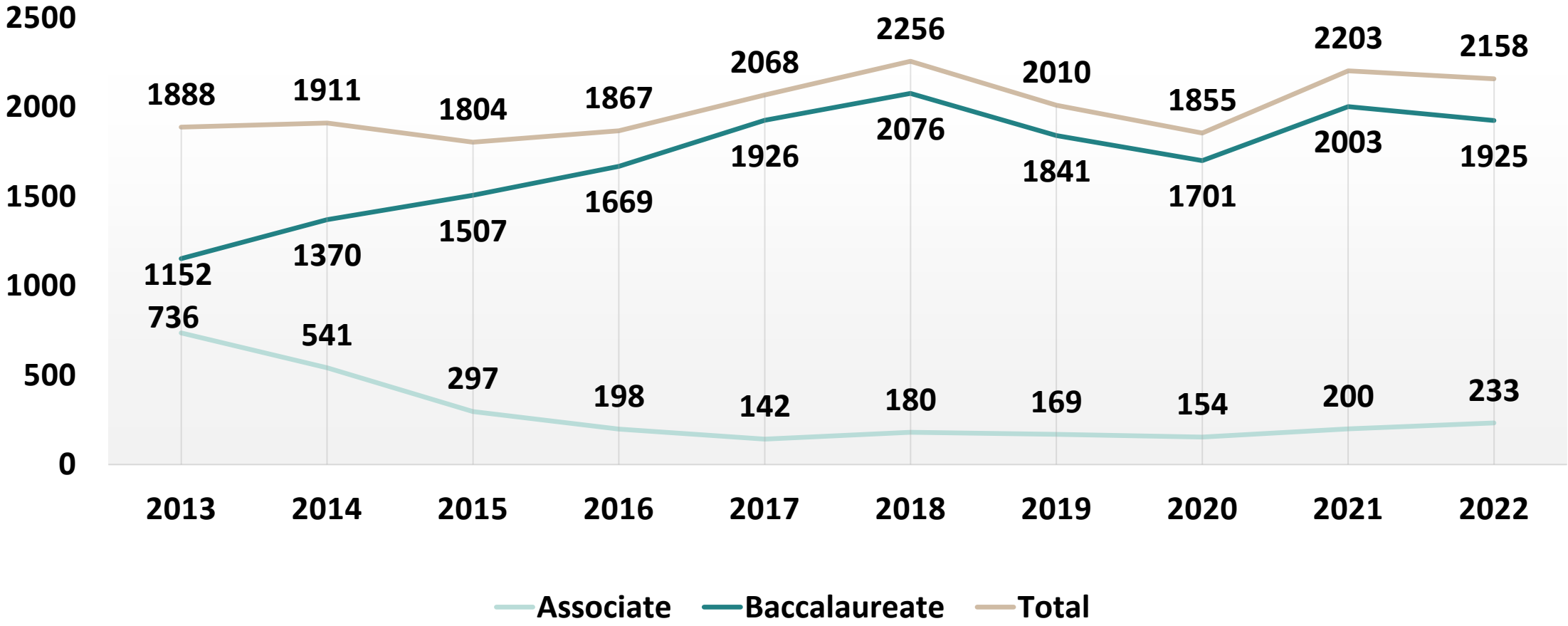
Augustana University (AU)  
Dakota Wesleyan University (DWU)  
Mount Marty University (MMU)  
Presentation College (PC)  
South Dakota State University (SDSU)  
University of Sioux Falls (USF)  
University of South Dakota (USD)



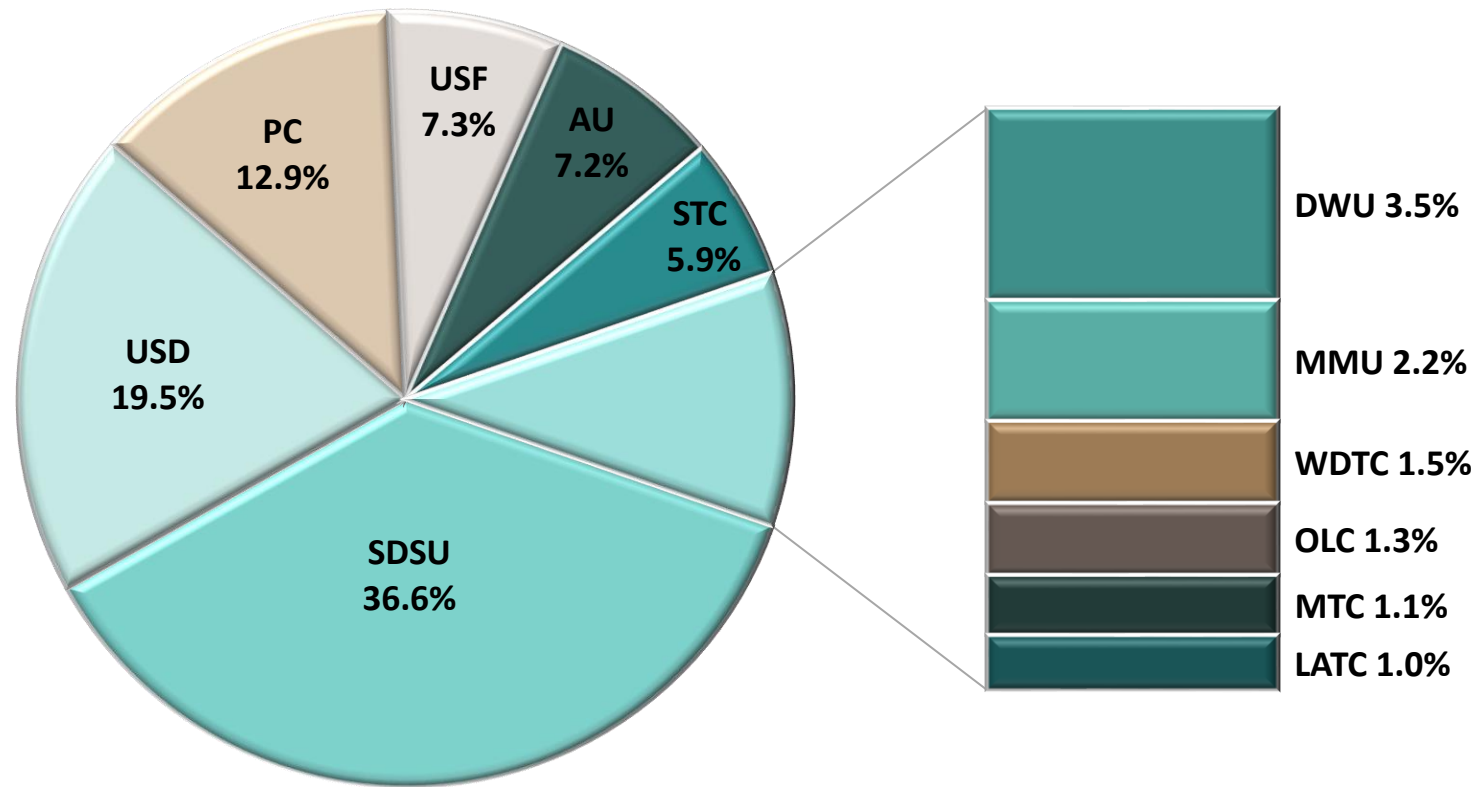
# RN Programs Total Capacity



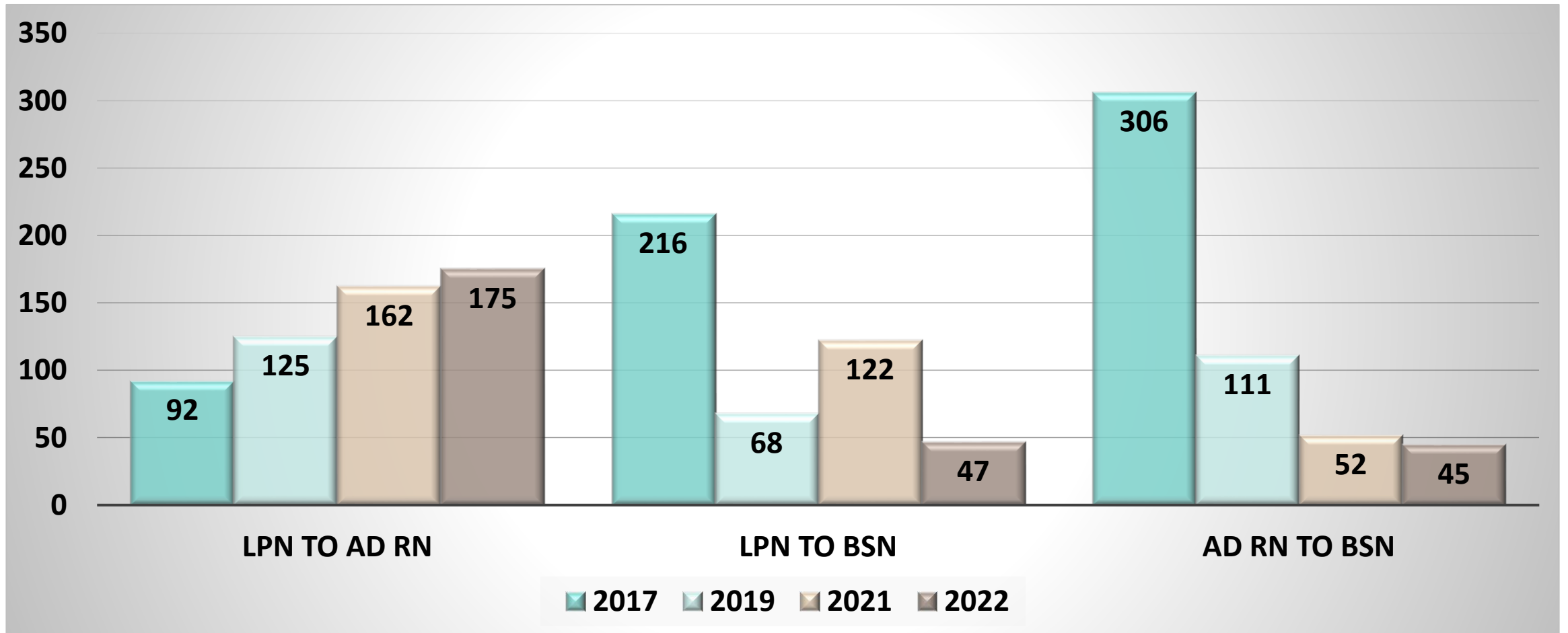
# Pre-licensure RN Program Enrollment



# Pre-licensure RN Program Enrollment



# RN Student Enrollment: Upward Mobility



# RN Programs Student Characteristics

**BSN Gender**



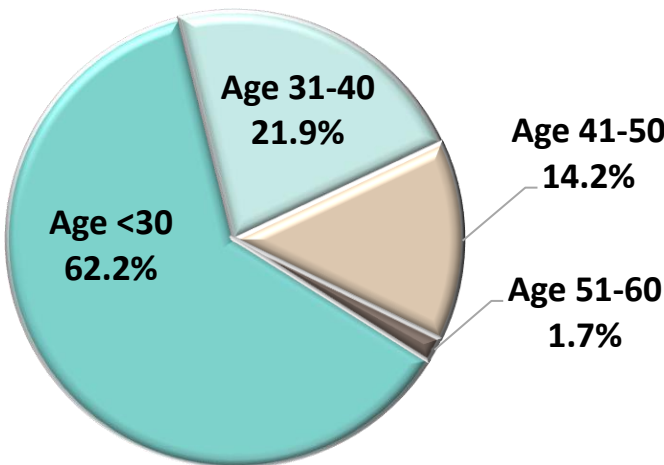
83.1% Female  
16.9% Male  
0.0% Other

**AD RN Gender**

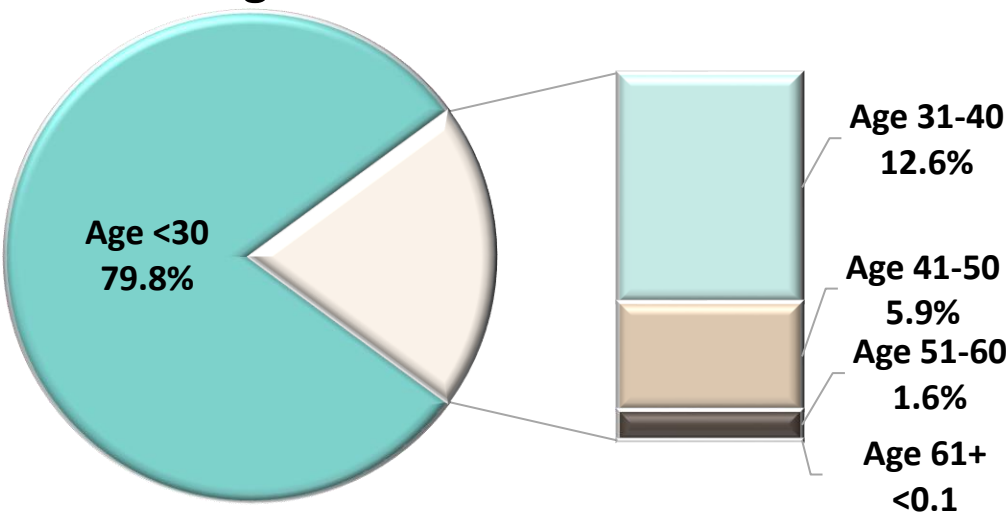


93.6% Female  
6.0% Male  
0.4% Other

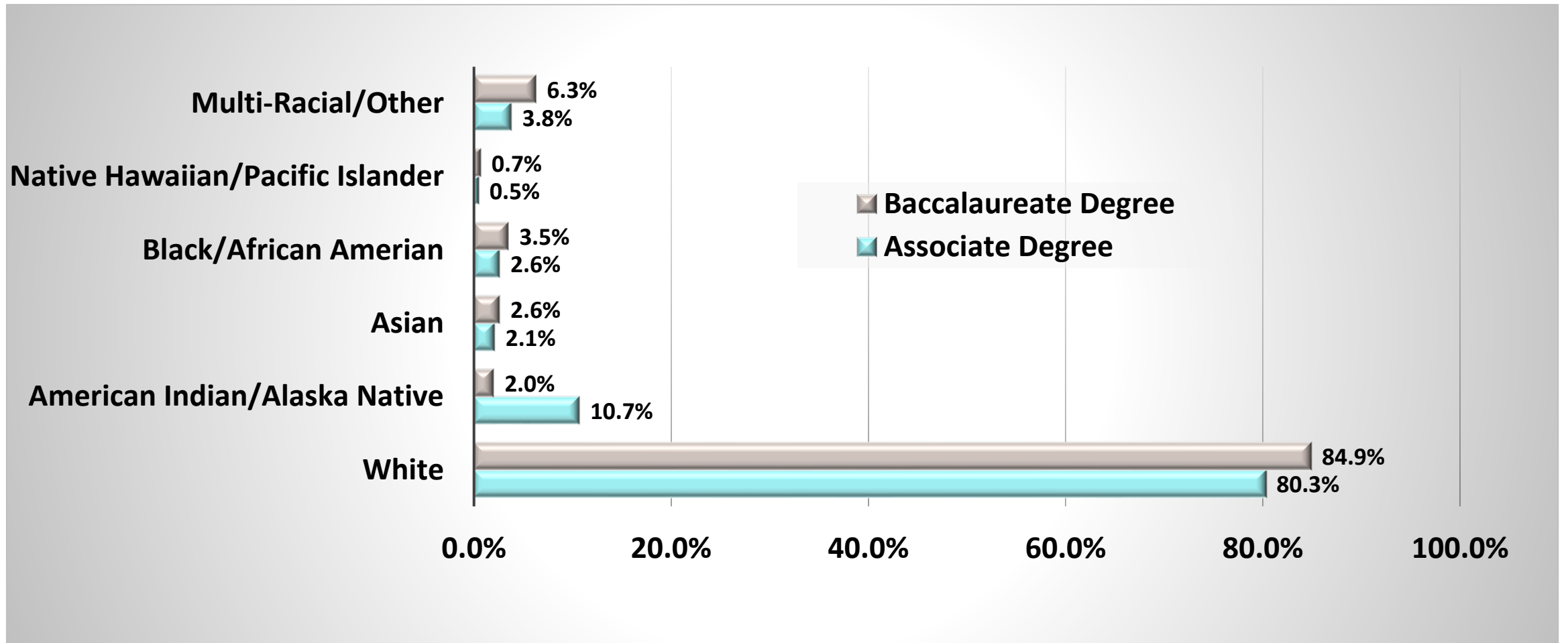
**AD RN Age**



**BSN Age**

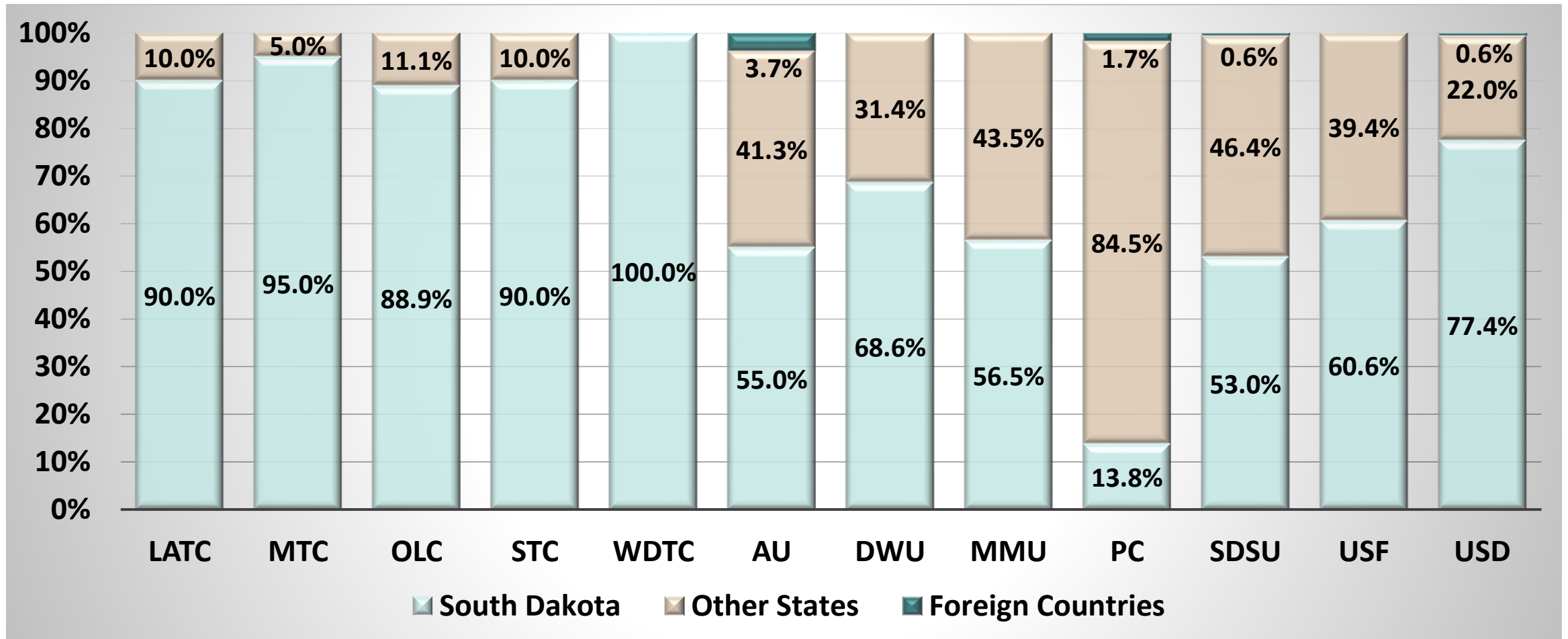


# RN Programs Student Race



# RN Programs Graduates

State of Residence

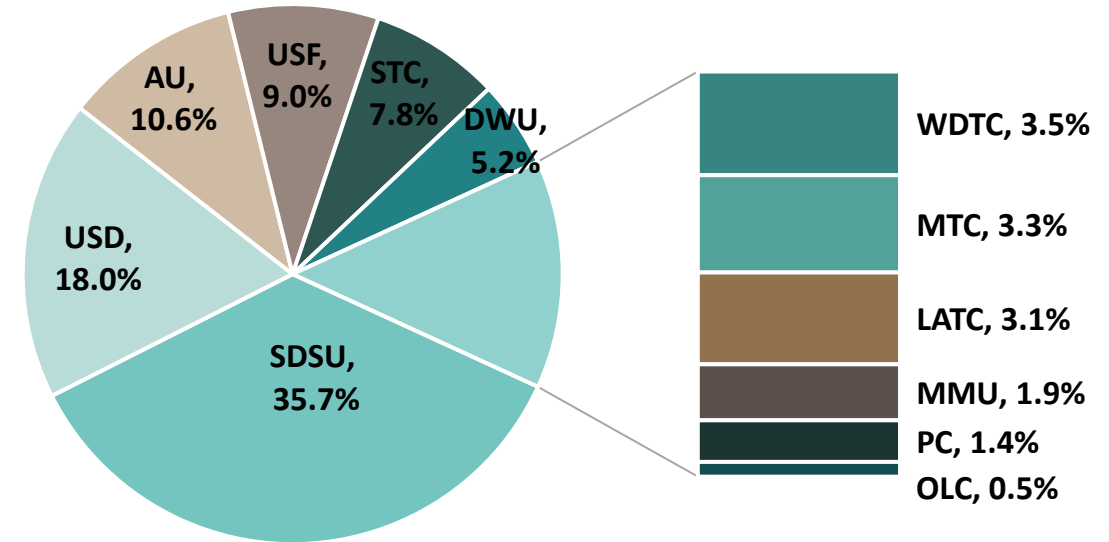


# RN Programs Graduates

## Graduates Licensed as RNs in South Dakota

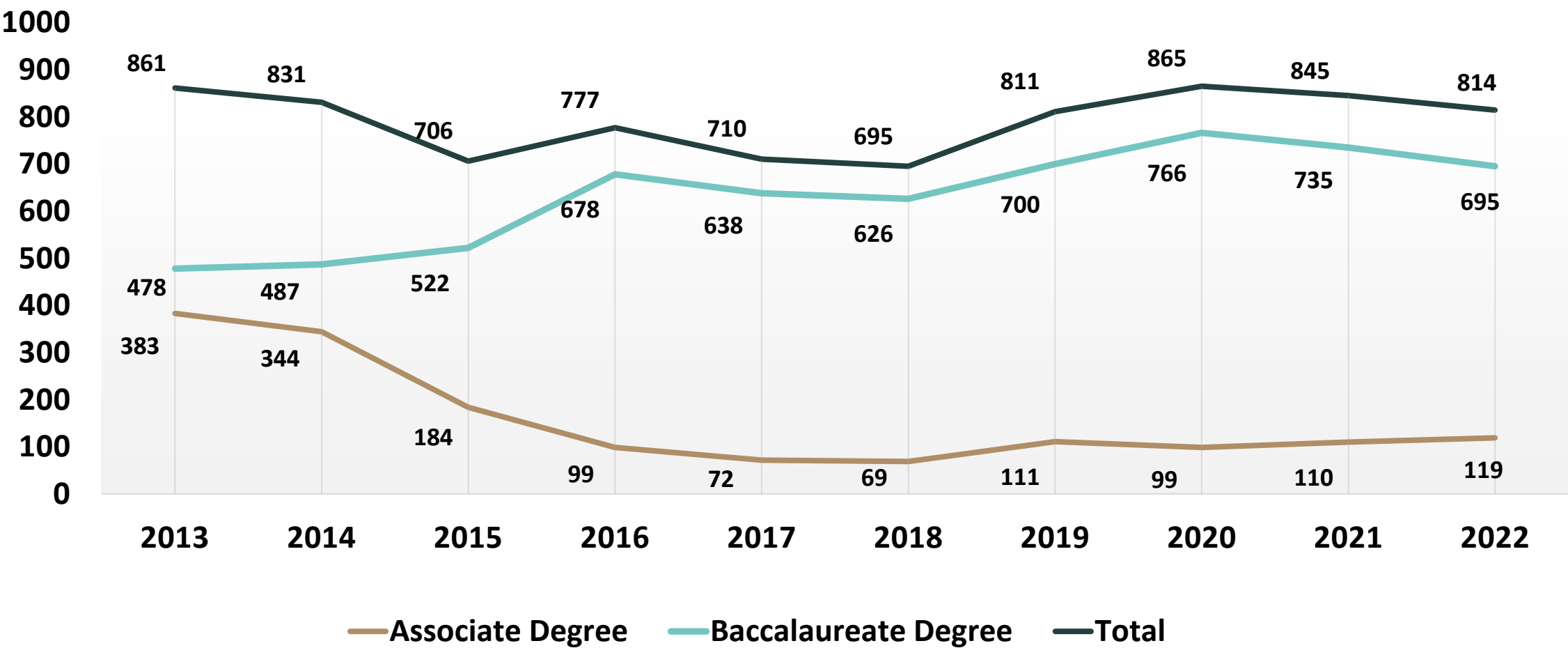
RN Graduates Licensed into SD	Prelicensure Graduates Produced	Total Prelicensure Graduates Licensed in SD	
Associate RN Programs			
Lake Area Technical College	20	18	(90.0%)
Mitchell Technical College	20	19	(95.0%)
Oglala Lakota College	9	3	(33.3%)
Southeast Technical College	50	45	(90.0%)
Western Dakota Technical College	20	20	(100.0%)
Total:	119	105	(88.2%)
Baccalaureate RN Programs			
Augustana University	80	61	(76.3%)
Dakota Wesleyan University	35	30	(85.7%)
Mount Marty University	23	11	(47.8%)
Presentation College	58	8	(13.8%)
South Dakota State University	292	206	(70.5%)
University of Sioux Falls	71	52	(73.2%)
University of South Dakota	136	104	(76.5%)
Total:	695	472	(67.9%)
Associate and Baccalaureate Total:	814	577	(70.9%)

**Percentage of RN Program's Graduates Licensed in SD of Total Licensed in SD**

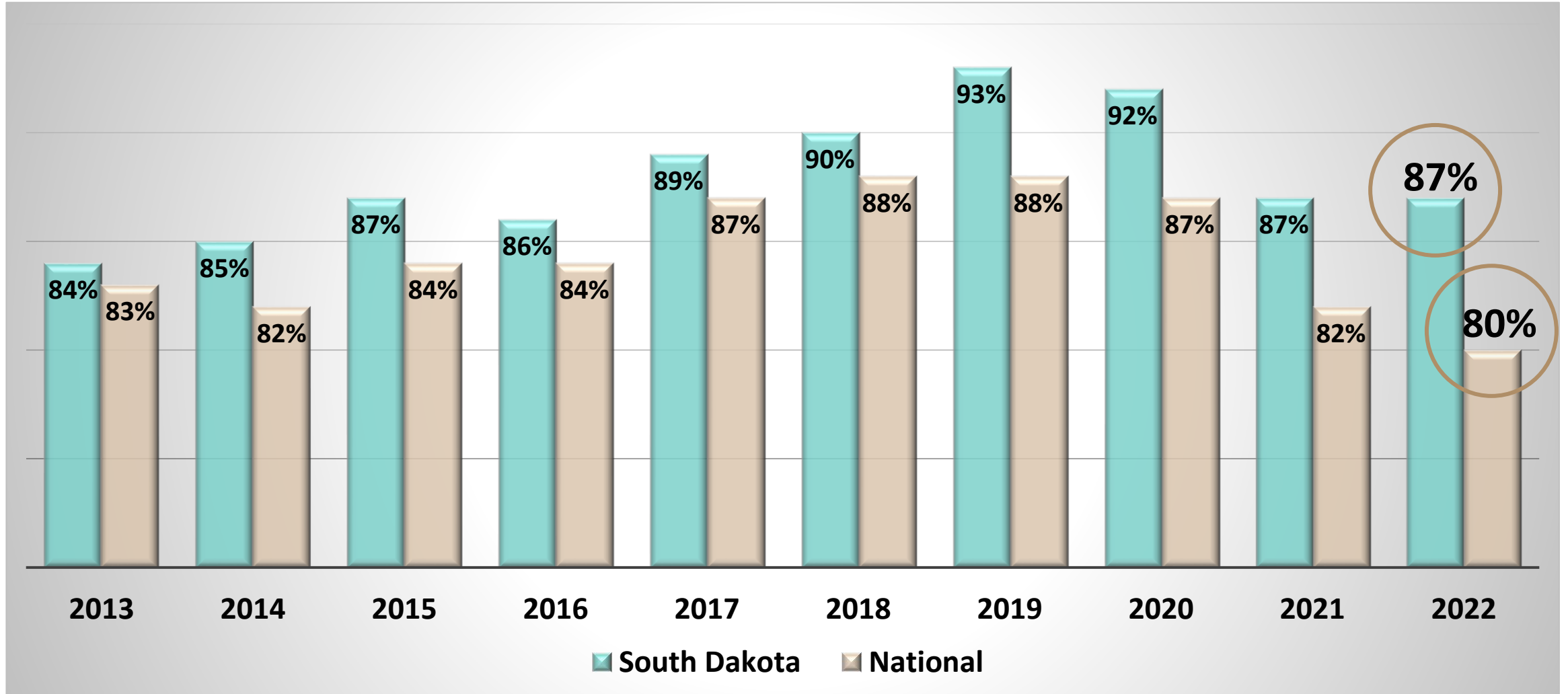




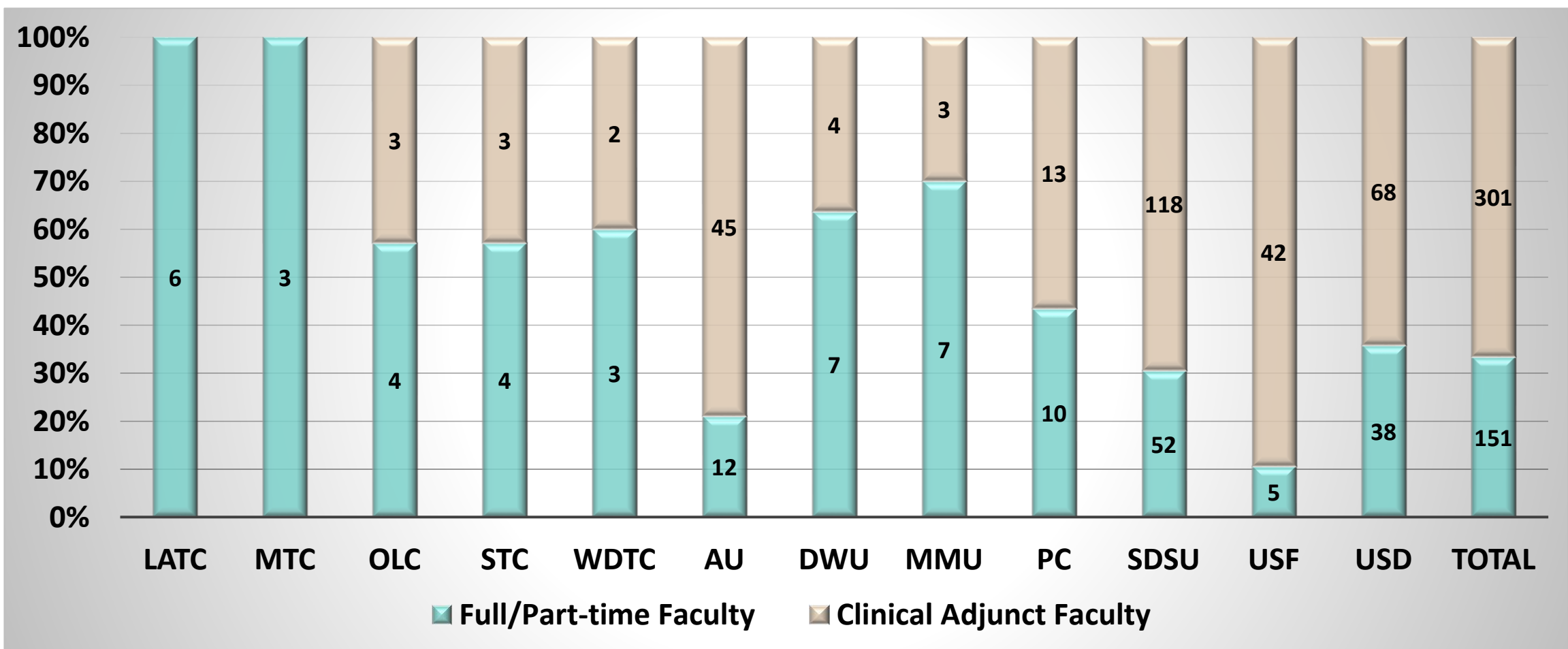
# Trends in Prelicensure RN Graduates



# South Dakota NCLEX-RN Results



# RN Program Faculty Characteristics



# RN Program Faculty Characteristics

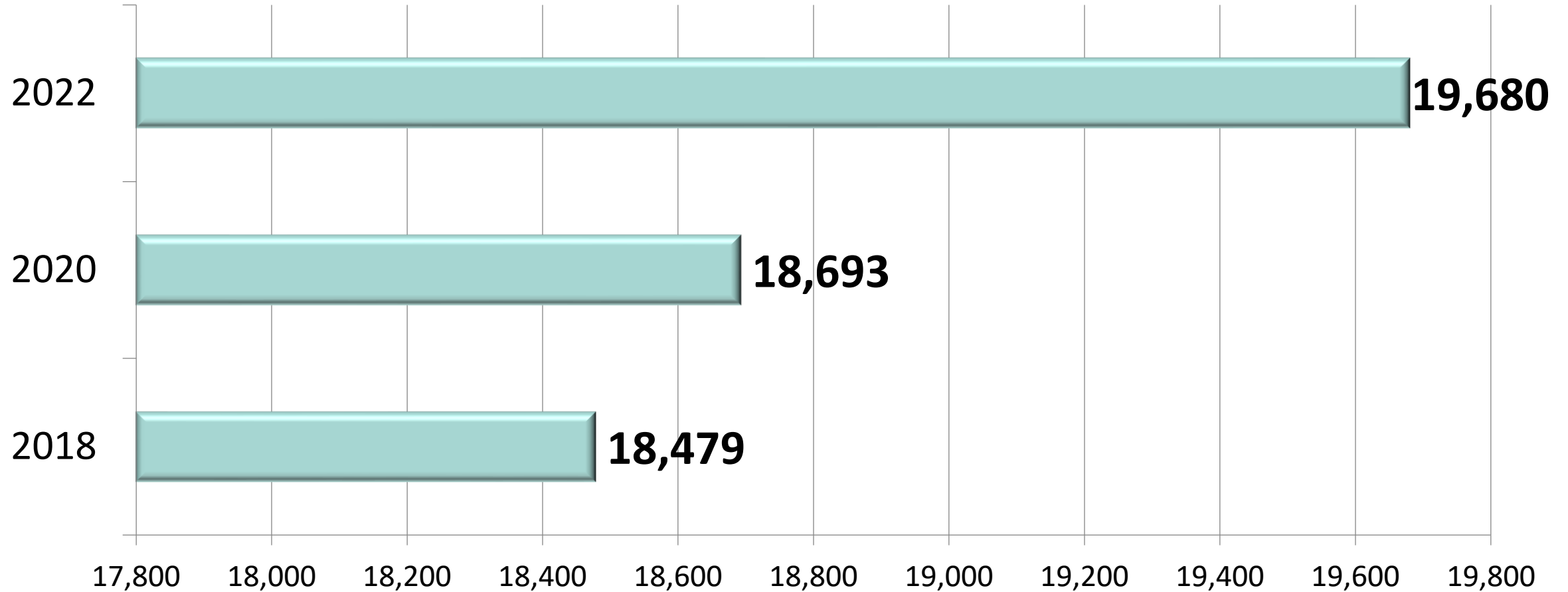
RN Faculty Age and Academic Preparation	< 30	31-40	41-50	51-60	61-70	71+	Total
Associate RN Programs							
PhD in Nursing	0	1	0	0	0	0	1
Doctor of Nursing Practice	0	0	1	1	0	0	2
Other Nursing Doctorate	0	0	0	1	0	0	1
Non-Nursing Doctorate	0	0	0	0	0	0	0
Master's in Nursing	0	10	3	1	0	0	14
Bachelor's in Nursing	1	0	1	0	0	0	2
Total:	1	11	5	3	0	0	20
Percentage:	5.0%	55.0%	25.0%	15.0%	0.0%	0.0%	100.0%
Baccalaureate RN Programs							
PhD in Nursing	0	3	2	7	5	1	18
Doctor of Nursing Practice	0	4	4	7	2	0	17
Other Nursing Doctorate	0	0	2	0	0	0	2
Non-Nursing Doctorate	0	1	3	3	3	0	10
Master's in Nursing	6	36	20	13	4	0	79
Bachelor's in Nursing	0	3	1	1	0	0	5
Total:	6	47	32	31	14	1	131
Percentage:	4.6%	35.9%	24.4%	23.6%	10.7%	0.8%	100.0%
Associate and Baccalaureate Total:	7	58	37	34	14	1	151
Percentage:	4.6%	38.4%	24.5%	22.5%	9.3%	0.7%	100.0%

# RN Supply

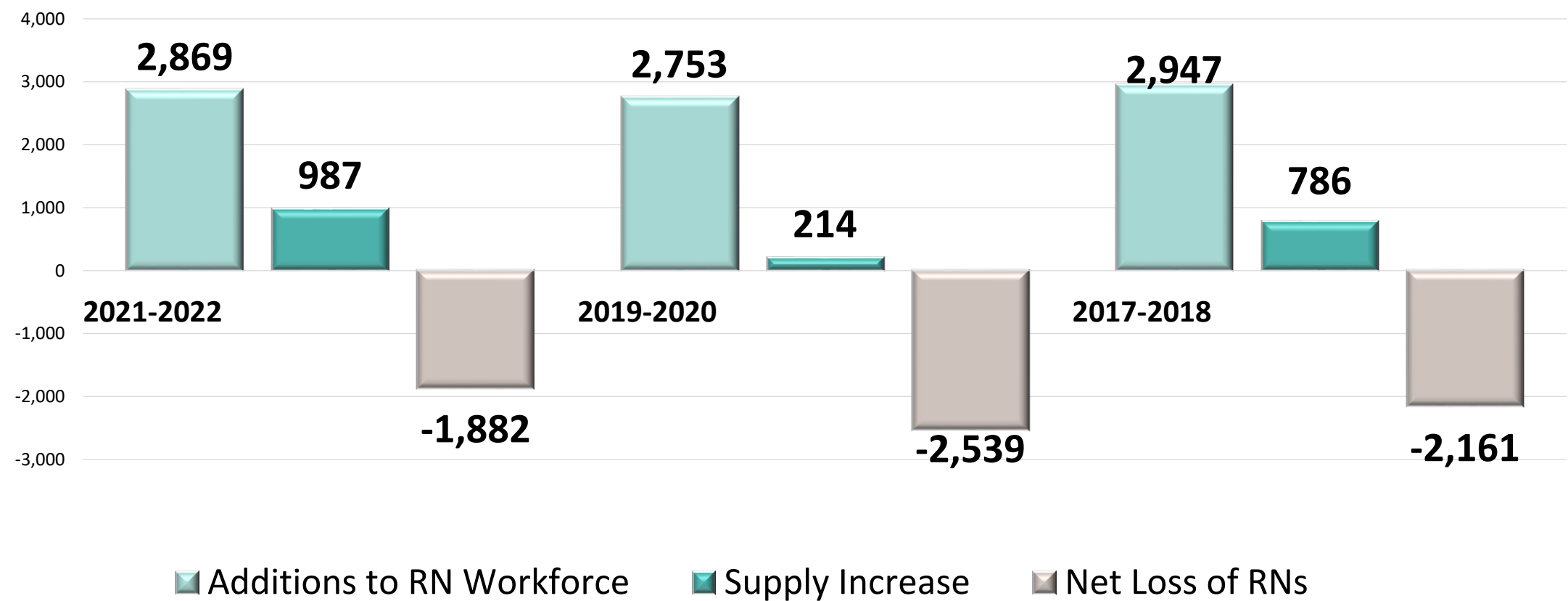
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# South Dakota

## Actively Licensed Registered Nurses



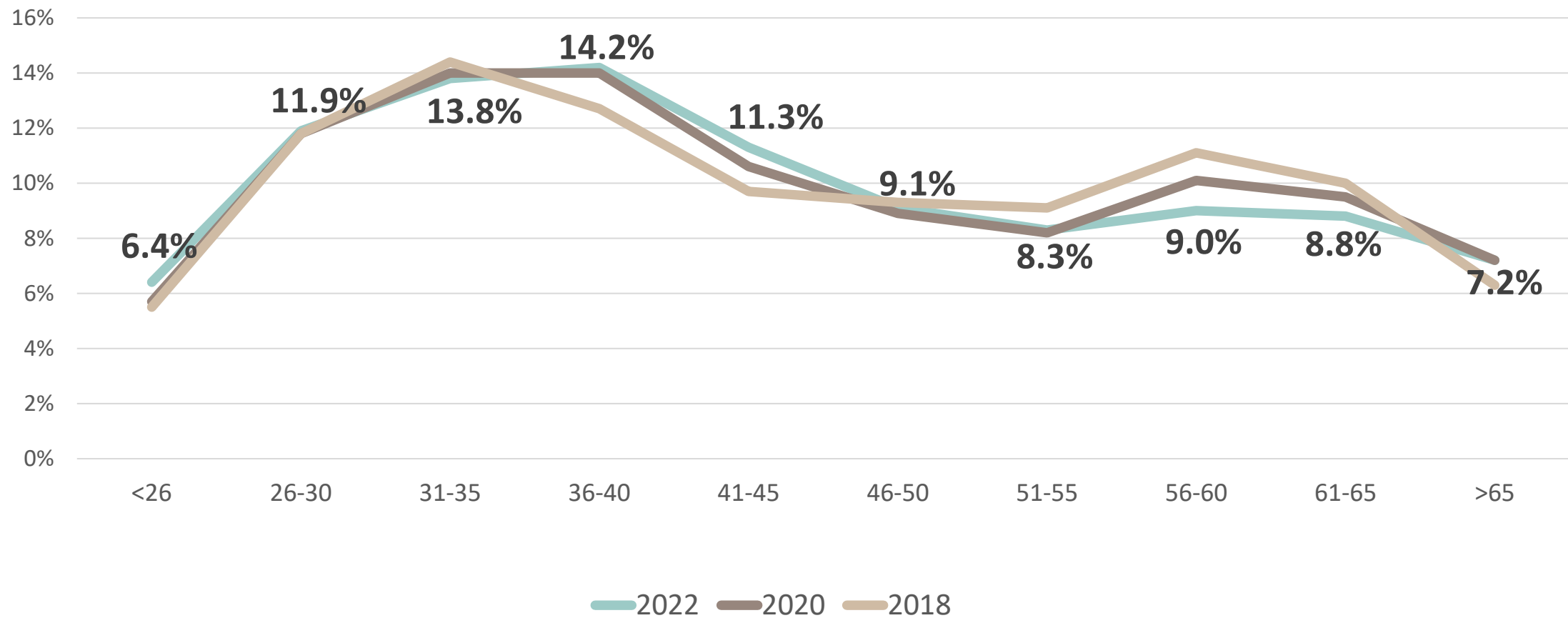
# RN Workforce Gains and Losses



# RN Characteristics

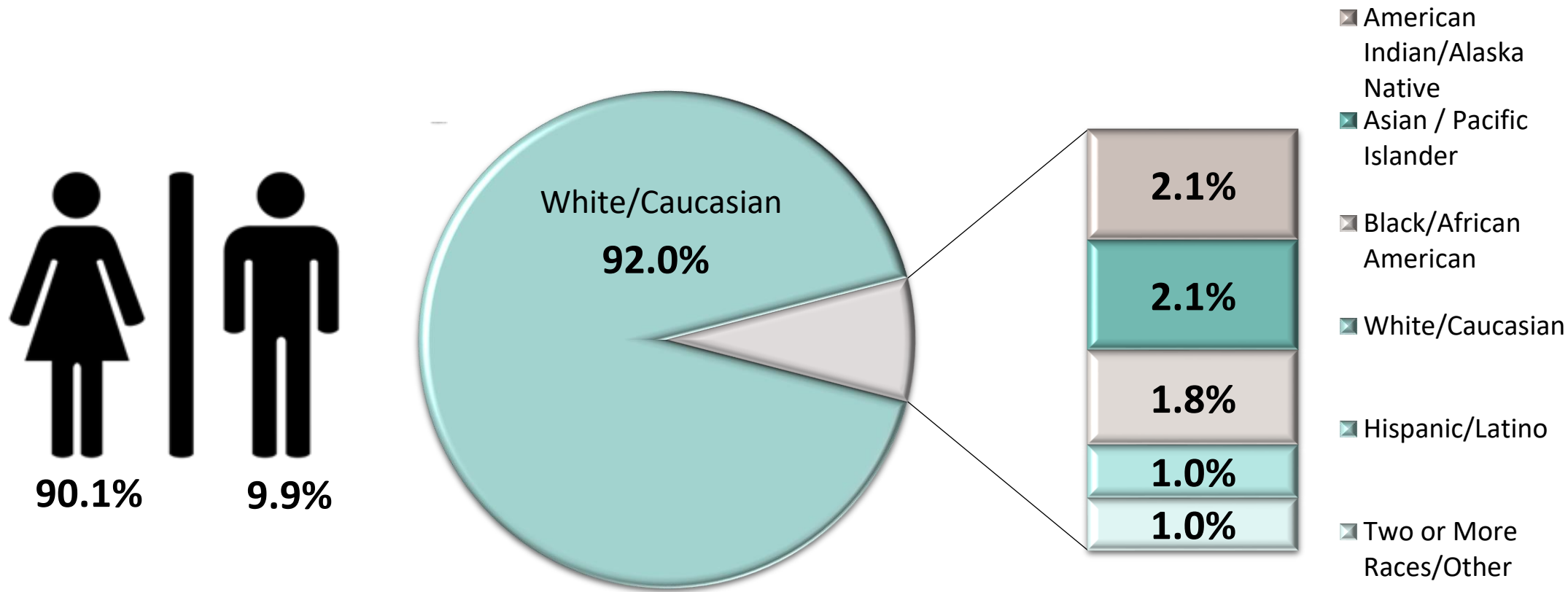
Average Age: 44.2

33.3% are 51 years or older

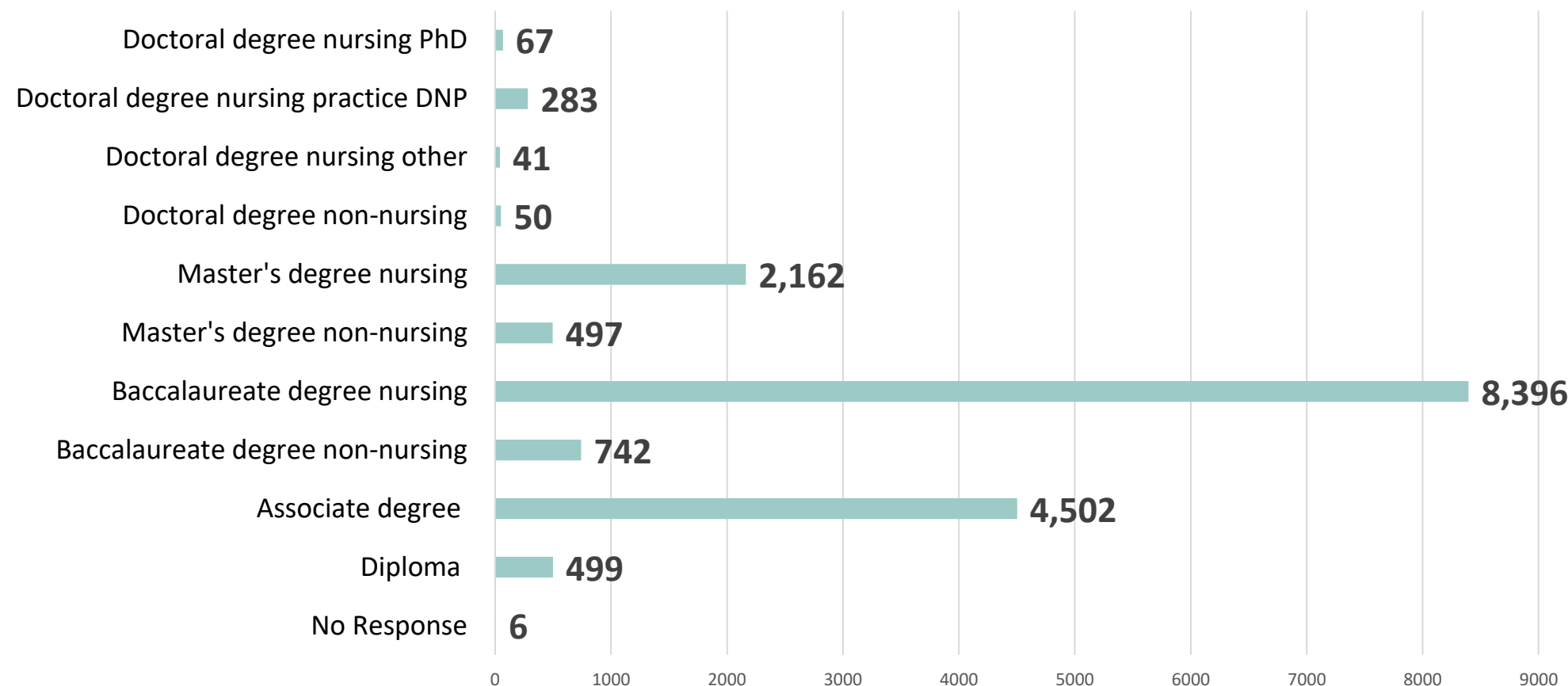




# RN Characteristics



# RN Highest Academic Achievement



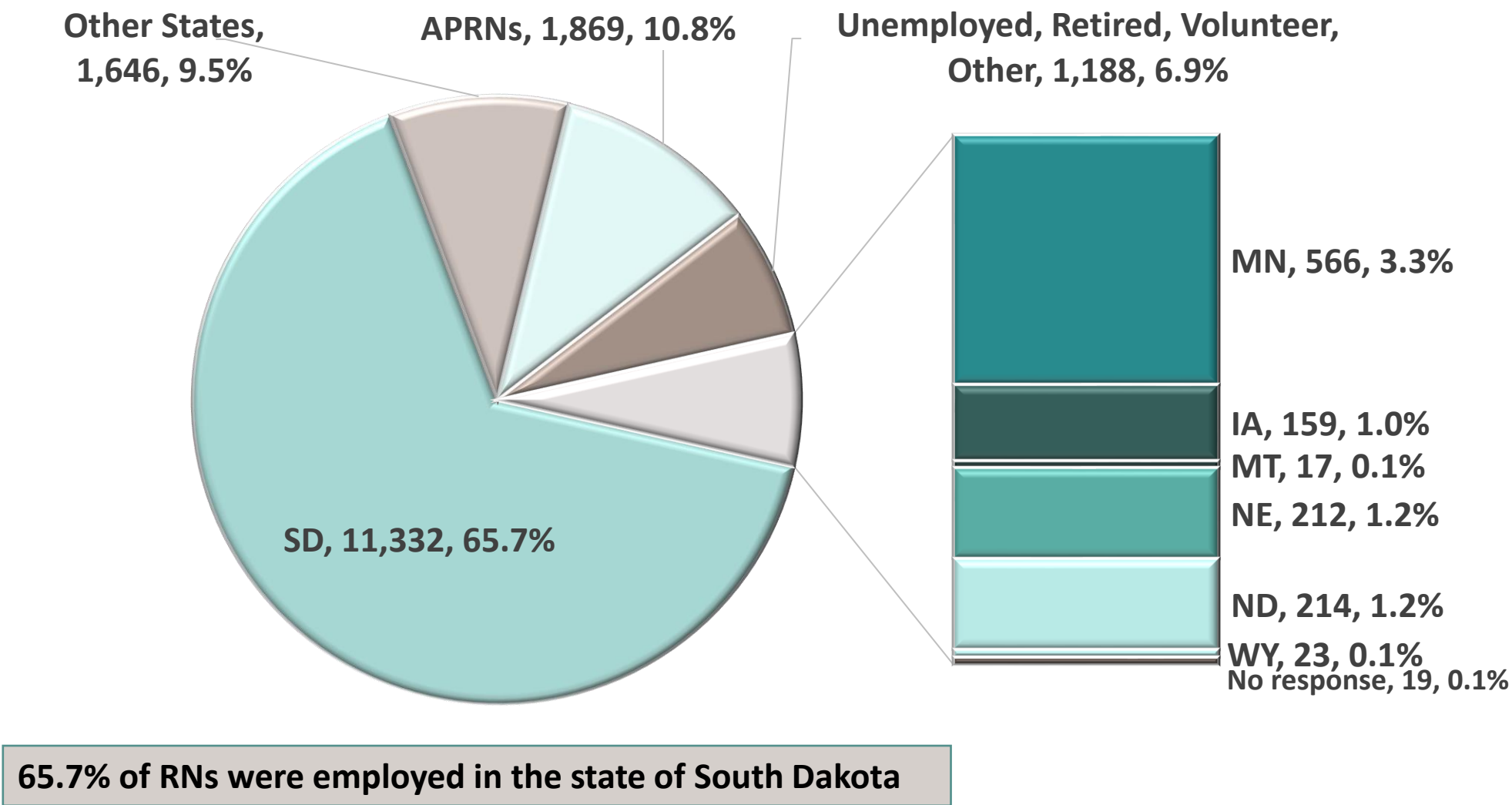
**71.0% held a baccalaureate or higher degree**

# RN Degree Enhancement

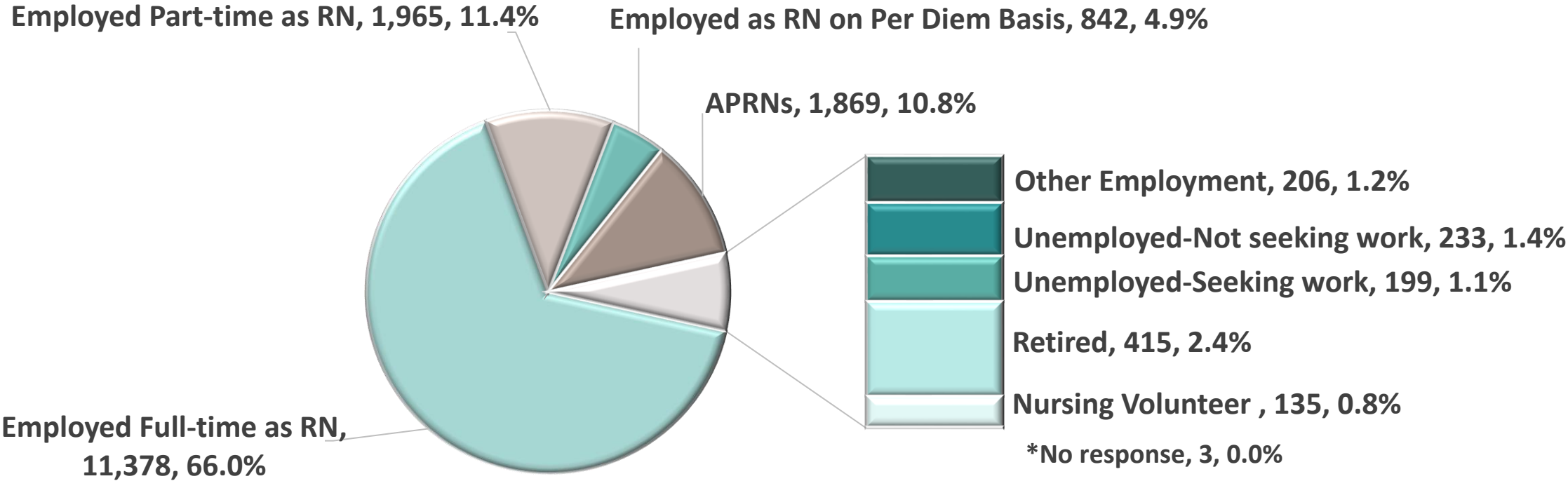
Nursing Degree Sought	Number of RNs	
Baccalaureate in Nursing	208	20.1%
Master's in Nursing	563	54.3%
Doctorate of Nursing Practice (DNP)	213	20.6%
PhD	23	2.2%
Other	29	2.8%
Total	1,036	100.0%

6.0% reported they were currently enrolled in education classes leading to an advanced nursing degree

# RN Employment: Primary State of Practice

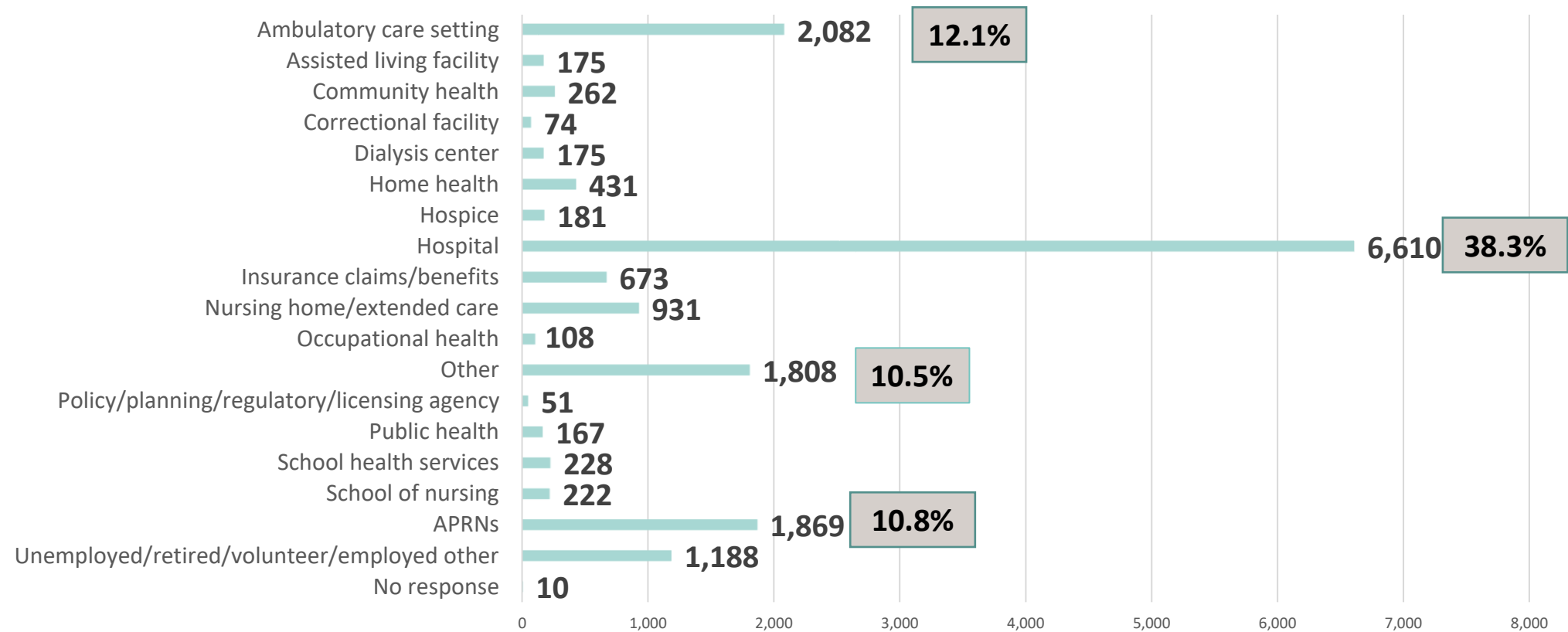


# RN Employment Status



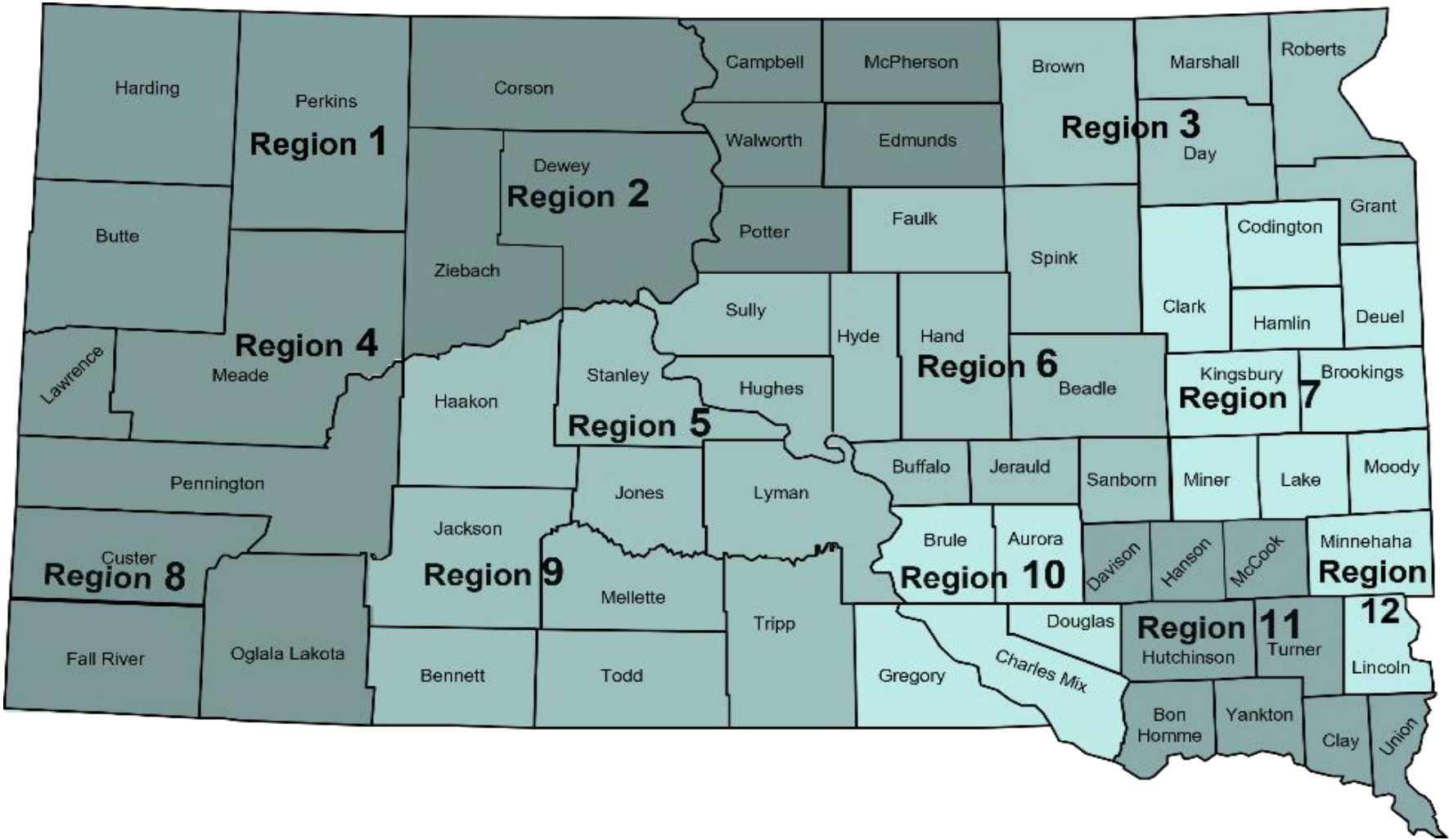
**82.3% were employed in the nursing profession full-time, part-time, or per diem**  
**\*Excluded APRNs, Unemployed, Retired, Volunteers, or employed in other field**

# RN Primary Employment Setting



**14.7% practiced in 'other' specialty areas, 9.6% medical-surgical specialty area, and 7.1% in acute care/critical care**

# RN Distribution



RN Regional Distribution

Region	Counties/State	Region Population <sup>2</sup>	Region’s % of State Population	Number of RNs Residing in Region	Region’s % of RN Population	RN to Population Ratio
Region 1	3 Counties: Butte, Harding, and Perkins	14,602	1.6%	145	0.9%	736.3
Region 2	8 Counties: Campbell, Corson, Dewey, Edmunds, McPherson, Potter, Walworth, and Ziebach	27,054	3.0%	318	1.9%	871.6
Region 3	5 Counties: Brown, Day, Grant, Marshall, and Roberts	65,501	7.3%	899	5.4%	1,017.7
Region 4	3 Counties: Lawrence, Meade, and Pennington	168,144	18.8%	3,307	19.9%	1,458.4
Region 5	6 Counties: Haakon, Hughes, Jones, Lyman, Stanley, and Sully	28,680	3.2%	387	2.3%	1,000.6
Region 6	8 Counties: Beadle, Buffalo, Faulk, Hand, Hyde, Jerauld, Sanborn, and Spink	37,795	4.2%	442	2.6%	867.2
Region 7	9 Counties: Brookings, Clark, Codington, Deuel, Hamlin, Kingsbury, Lake, Miner, and Moody	102,120	11.4%	1,343	8.1%	975.2
Region 8	3 Counties: Custer, Fall River, and Oglala Lakota	29,397	3.3%	313	1.9%	789.5
Region 9	5 Counties: Bennett, Jackson, Mellette, Tripp, and Todd	23,047	2.6%	170	1.0%	546.9
Region 10	5 Counties: Aurora, Brule, Charles Mix, Douglas, and Gregory	23,951	2.7%	396	2.4%	1,226.0
Region 11	9 Counties: Bon Homme, Clay, Davison, Hanson, Hutchinson, McCook, Turner, Union, Yankton	107,530	12.0%	2,017	12.1%	1,390.9
Region 12	2 Counties: Lincoln and Minnehaha	267,555	29.9%	6,912	41.5%	1,915.6
South Dakota Total	66 counties	895,376	100.0%	16,649 (84.6%)	100.0%	1,378.8
Out-of-State	Minnesota	--	--	1,054 (5.4%)	--	--
	Other States/Jurisdictions	--	--	1,977 (10.0%)	--	--
Total		--	--	19,680 (100.0%)	--	--



# Advanced Practice RN Education Programs

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# Approved APRN Programs April 2023

## APRN Master's Degree Programs:

Augustana University (AU)

Mount Marty University (MMU)

Presentation College (PC)

South Dakota State University (SDSU)

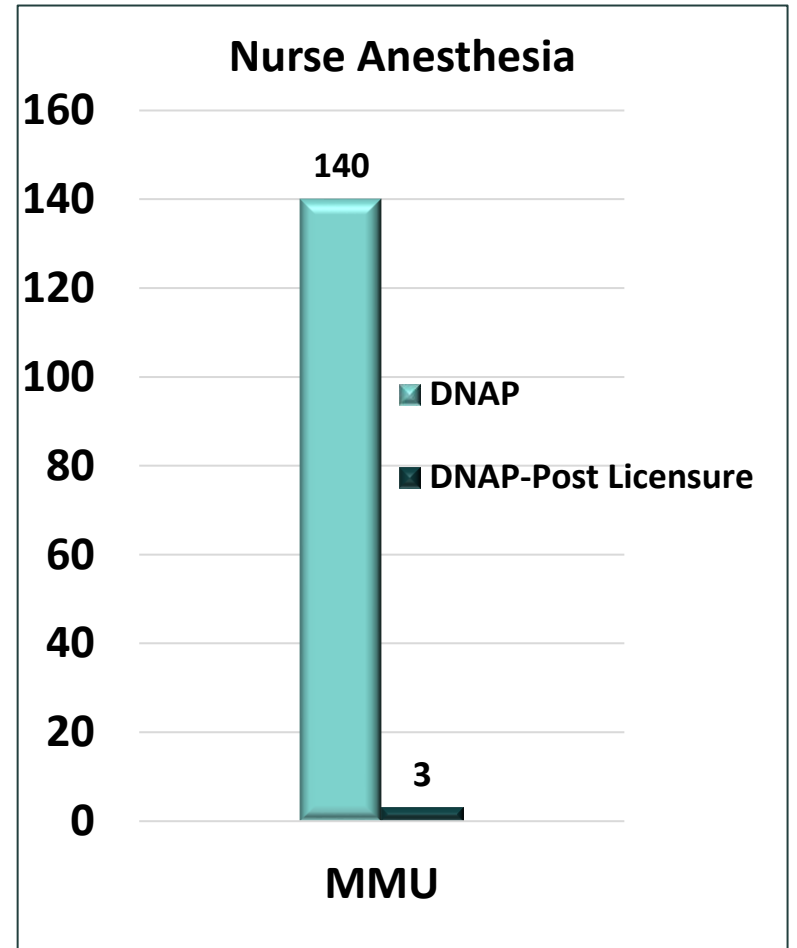
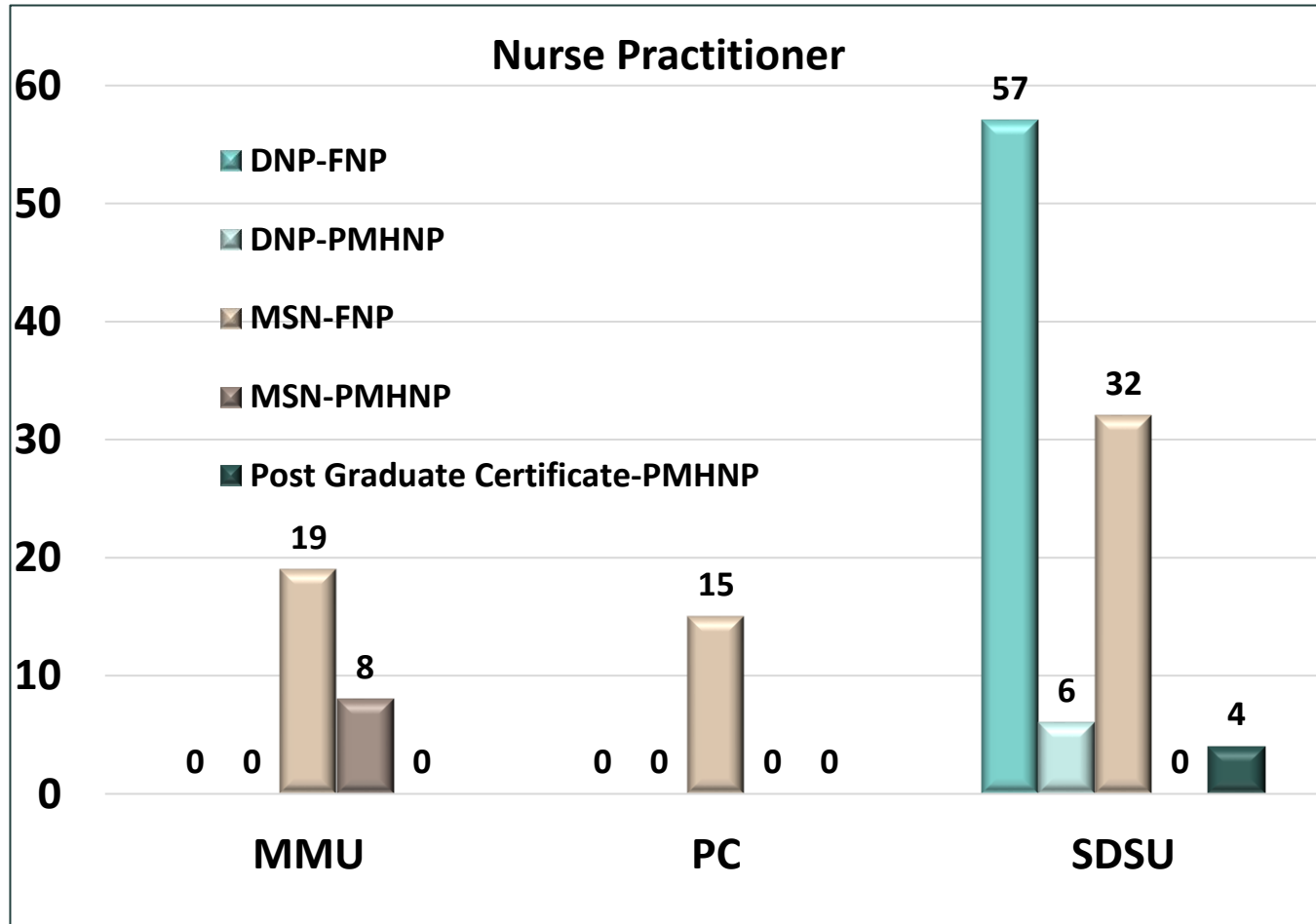
## APRN Doctoral Degree Programs:

Mount Marty University (MMU)

South Dakota State University (SDSU)

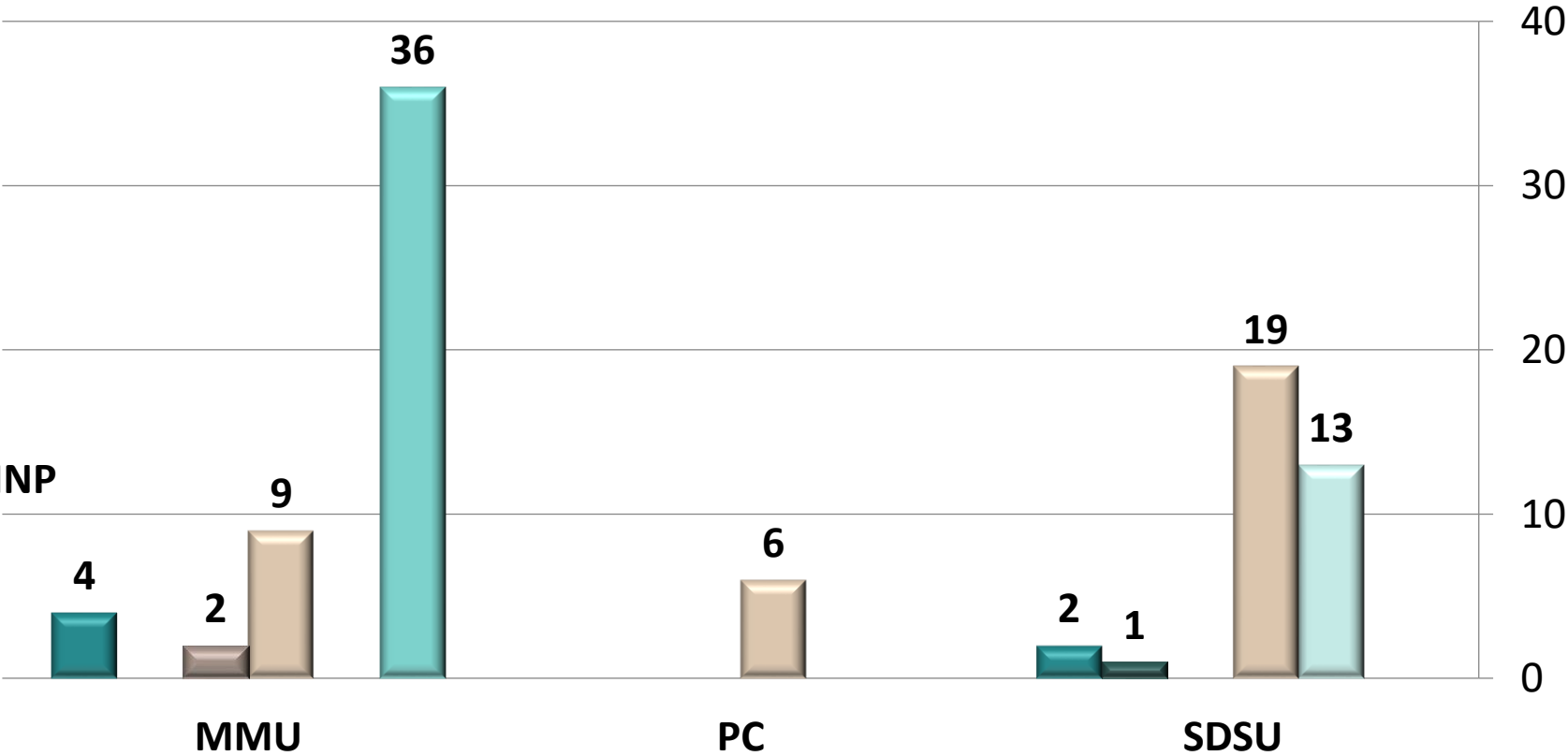
University of South Dakota (USD)

# APRN Enrollment



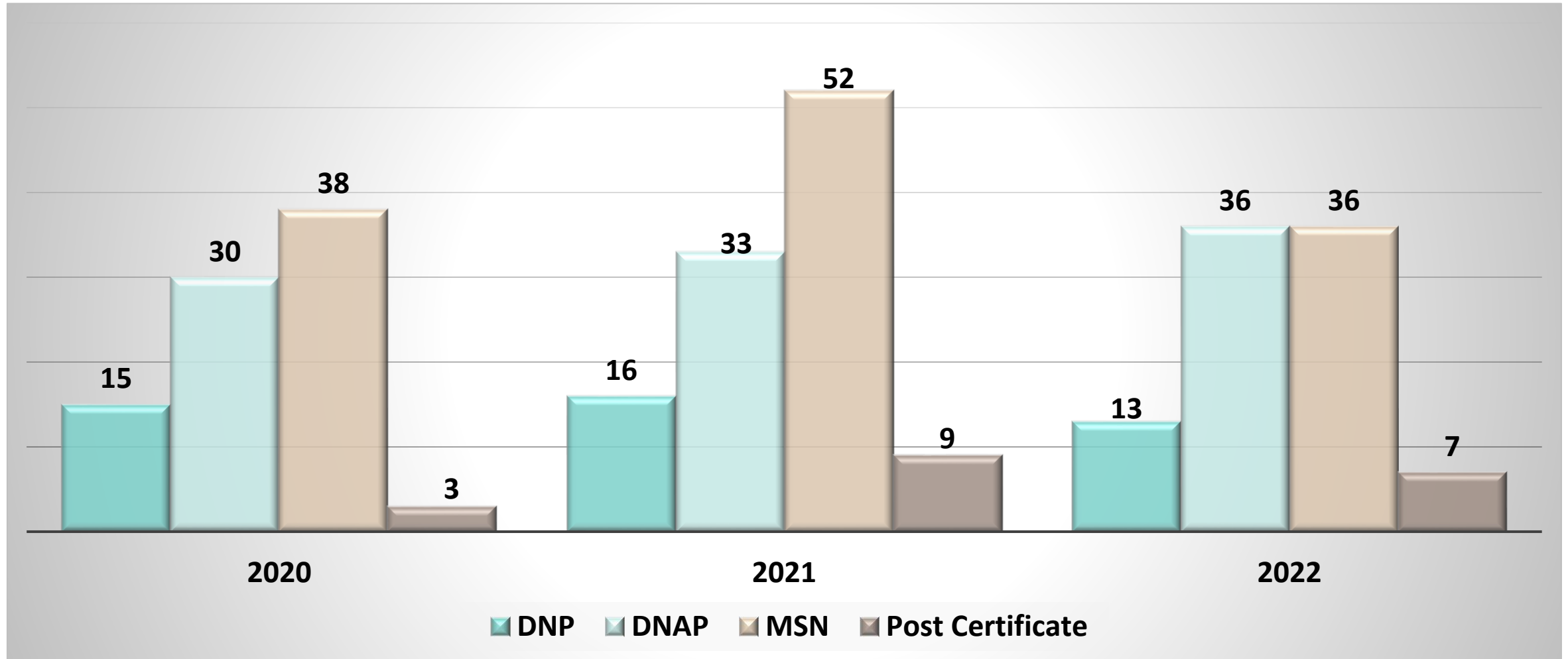
# APRN Graduates

- DNAP
- DNP-FNP
- MSN-FNP
- MSN-PMHNP
- Post Graduate Certificate-FNP
- Post Graduate Certificate-PMHNP



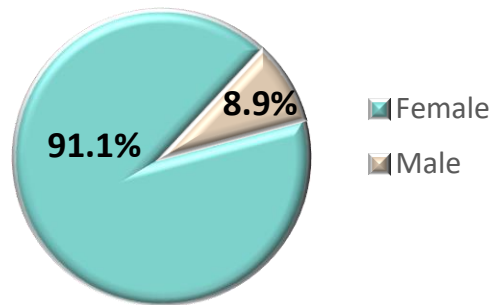
Total APRN Graduates: 92

# Trends in APRN Graduates

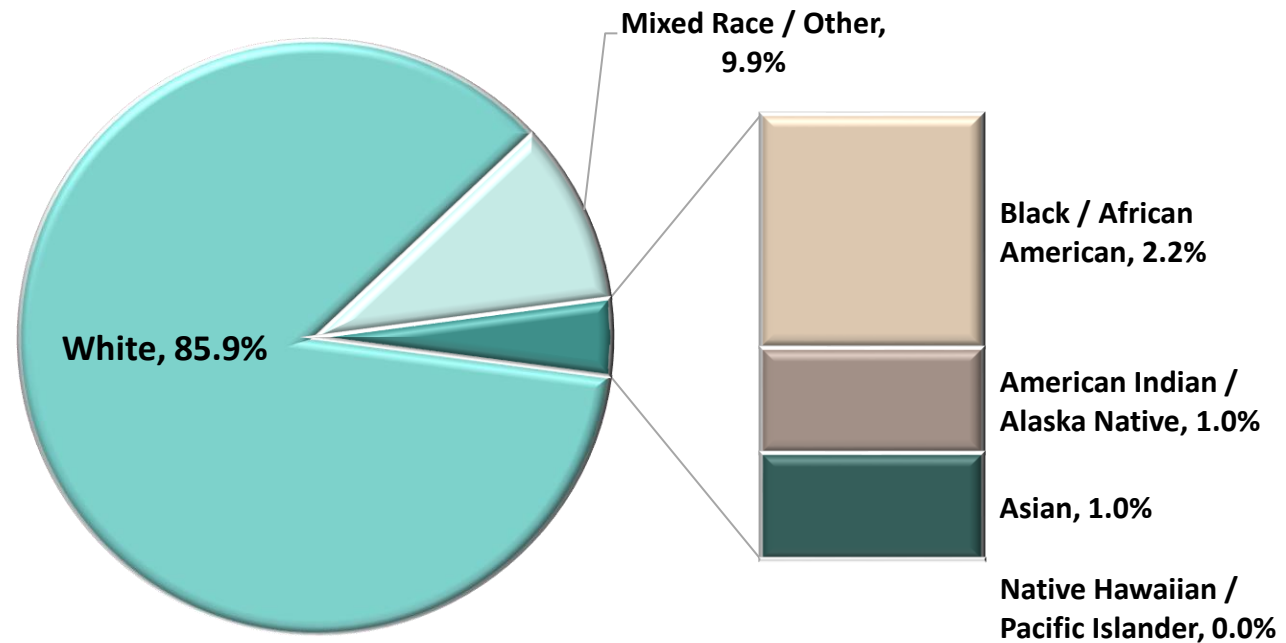
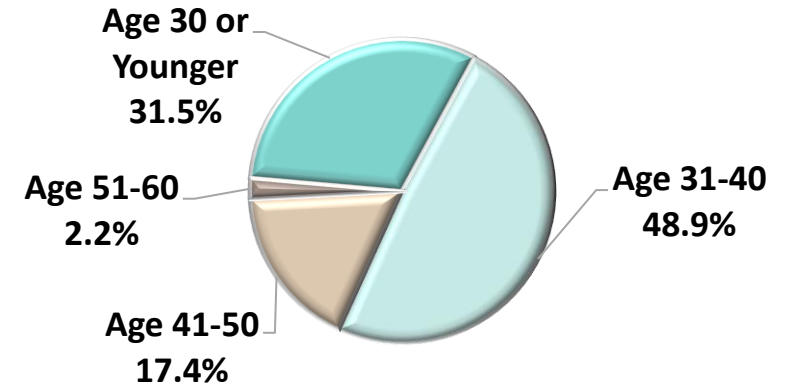
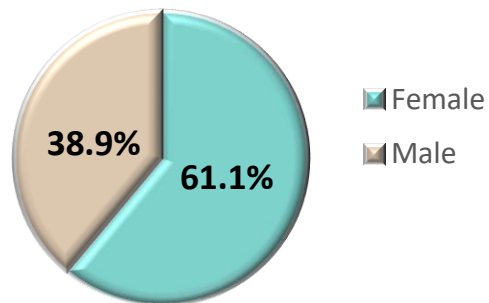


# APRN Graduate Characteristics

**Nurse Practitioner Gender**



**Nurse Anesthesia Gender**



# APRN Faculty

APRN Faculty Age	≤ 30	31-40	41-50	51-60	61-70	Total
PhD in Nursing	0	0	0	0	3	3
Doctor of Nursing Practice	2	9	6	4	4	25
Doctor of Nurse Anesthesia Practice	0	5	1	0	0	6
Master's in Nursing	0	0	3	3	1	7
<b>Total:</b>	2	14	10	7	8	41
<b>Percentage of Total:</b>	4.9%	34.1%	24.4%	17.1%	19.5%	100.0%

Advanced Practice RNs  
CNM, CNP, CRNA, CNS

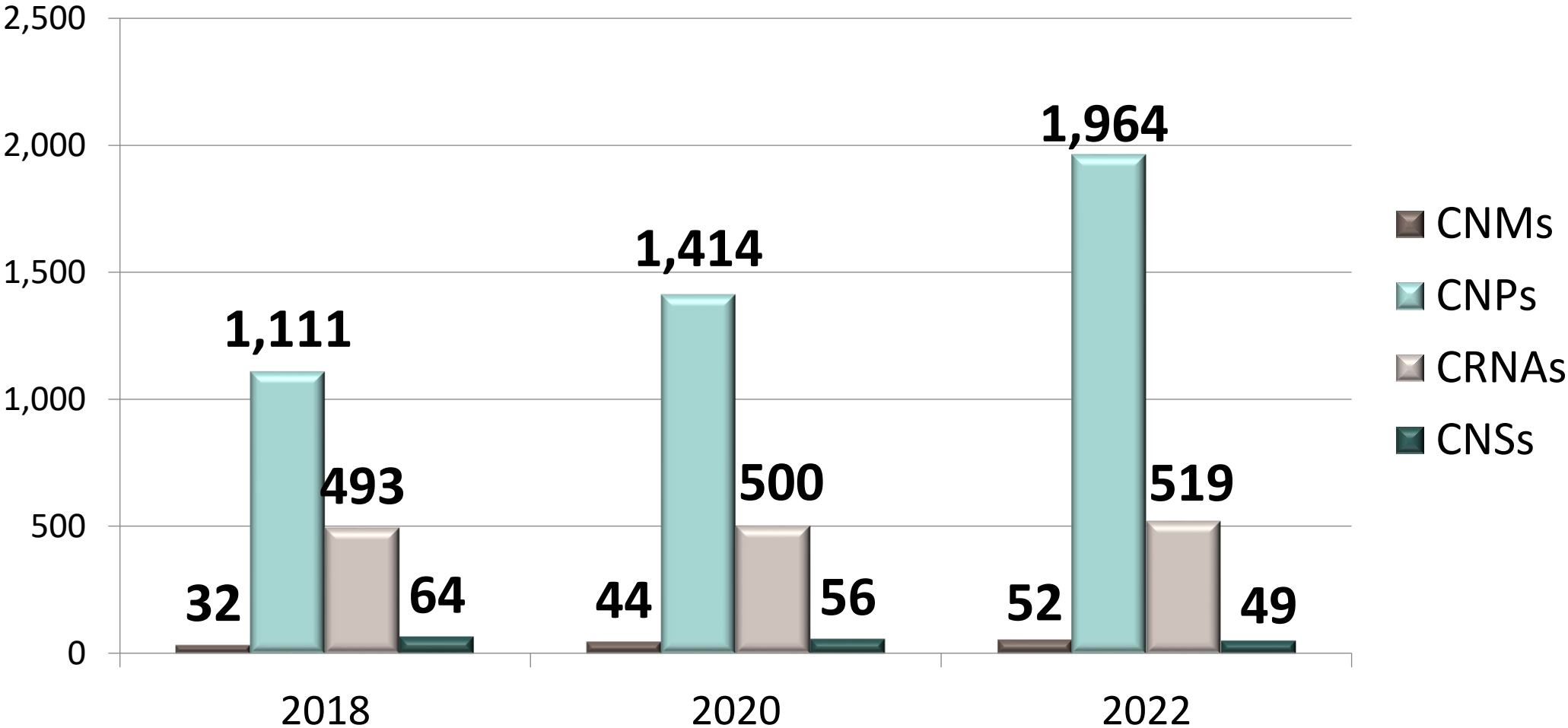
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# South Dakota

## Actively Licensed APRNs

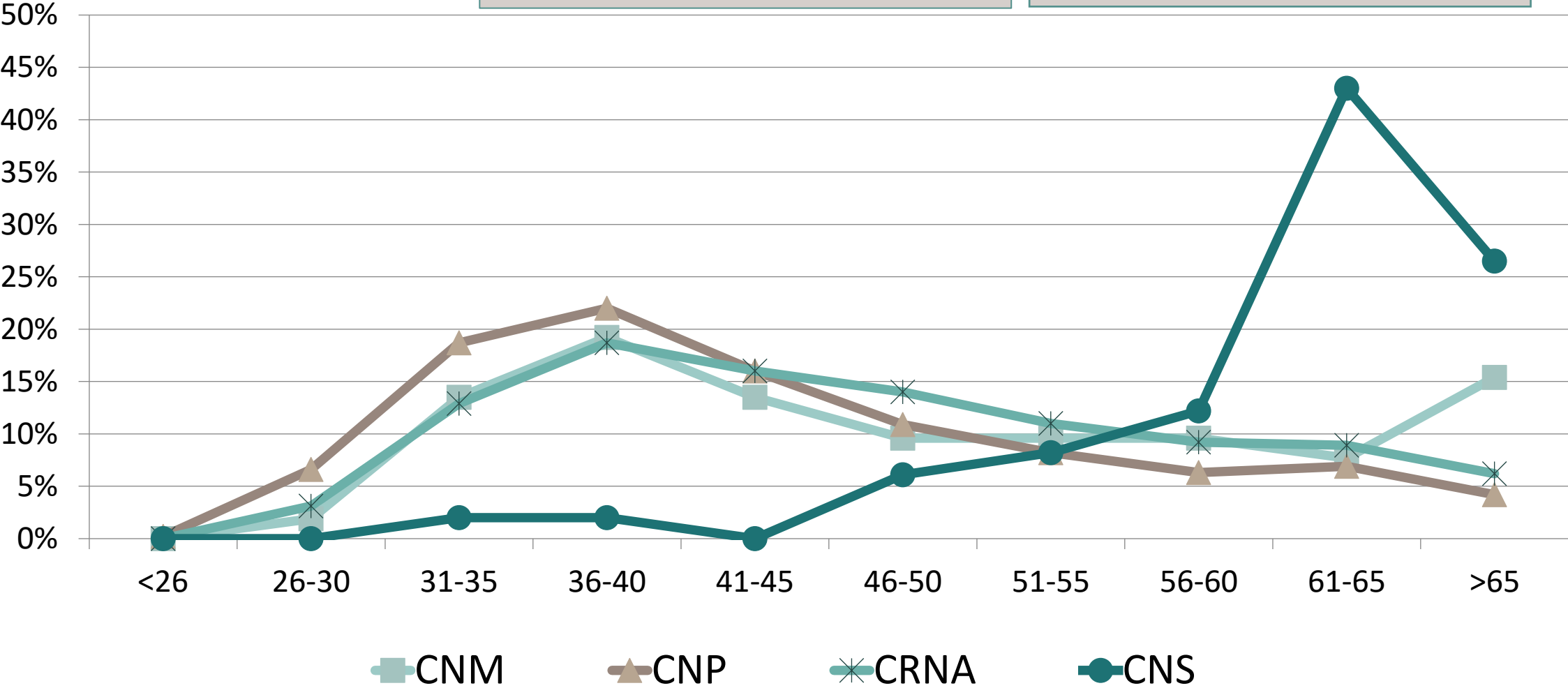
Total: 2,584



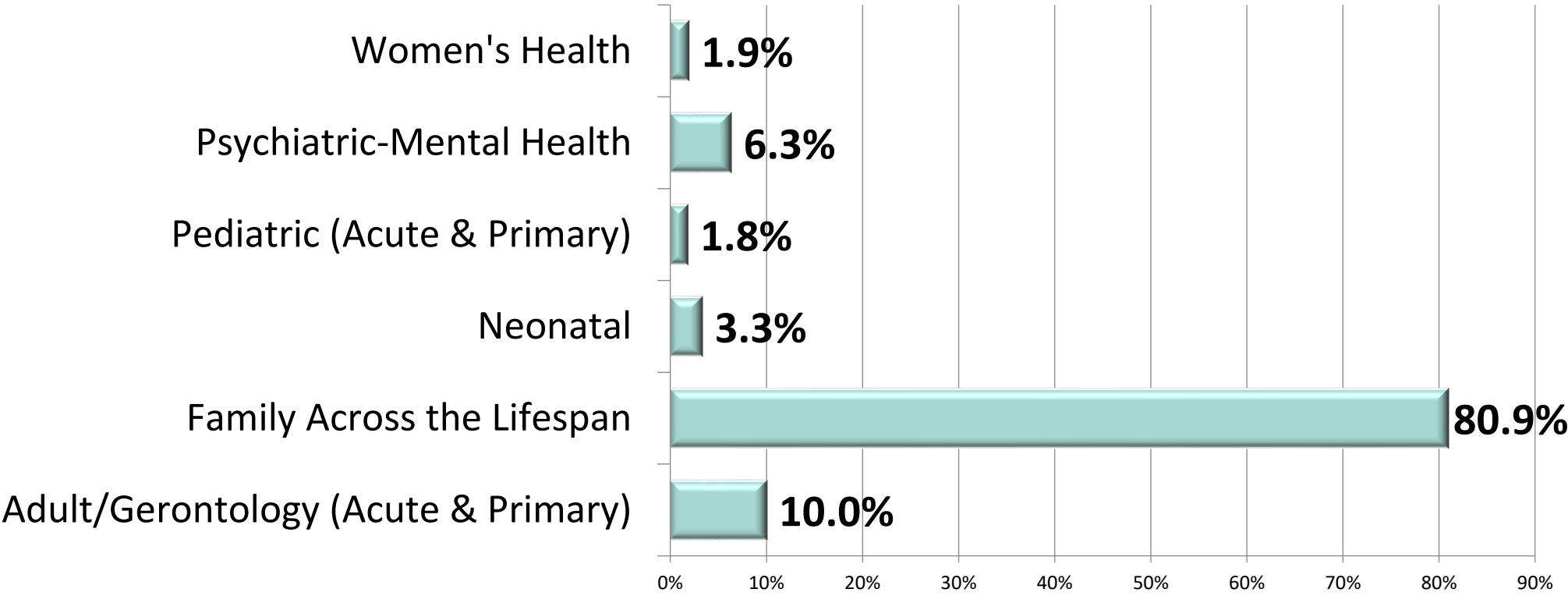
# APRNs Age

**CNP average age: 43.8**  
**17.4% are 56 years or older**

**CNS average age: 61.8**  
**81.6% are 56 years or older**



# CNP Certification Focus Areas



# APRN Employment Characteristics

## **Certified Nurse Midwives (CNM)**

- 65.8% employed in SD
- 68.4% employed full-time

## **Certified Nurse Practitioners (CNP)**

- 71.0% employed in SD
- 84.1% employed full-time

## **Certified Registered Nurse Anesthetists (CRNA)**

- 80.0% employed in SD
- 86.7% employed full-time

## **Clinical Nurse Specialists (CNS)**

- 69.6% employed in SD
- 56.5% employed full-time

APRN Distribution

Region	Counties / State	Region Population <sup>2</sup>	Region's % of State Population	Number Residing in Region (Percent of Total APRN Population)			
				CNMs	CNPs	CRNAs	CNSs
Region 1	3 Counties: Butte, Harding, and Perkins	14,602	1.6%	0 (0.0%)	12 (0.6%)	0 (0.0%)	0 (0.0%)
Region 2	8 Counties: Campbell, Corson, Dewey, Edmunds, McPherson, Potter, Walworth, and Ziebach	27,054	3.0%	1 (2.0%)	30 (1.5%)	5 (0.9%)	0 (0.0%)
Region 3	5 Counties: Brown, Day, Grant, Marshall, and Roberts	65,501	7.3%	0 (0.0%)	67 (3.4%)	18 (3.5%)	0 (0.0%)
Region 4	3 Counties: Lawrence, Meade, and Pennington	168,144	18.8%	11 (21.1%)	255 (13.0%)	104 (20.0%)	7 (14.3%)
Region 5	6 Counties: Haakon, Hughes, Jones, Lyman, Stanley, and Sully	28,680	3.2%	0 (0.0%)	32 (1.6%)	9 (1.7%)	0 (0.0%)
Region 6	8 Counties: Beadle, Buffalo, Faulk, Hand, Hyde, Jerauld, Sanborn, and Spink	37,795	4.2%	0 (0.0%)	31 (1.6%)	3 (0.6%)	0 (0.0%)
Region 7	9 Counties: Brookings, Clark, Codington, Deuel, Hamlin, Kingsbury, Lake, Miner, and Moody	102,120	11.4%	0 (0.0%)	80 (4.1%)	18 (3.5%)	1 (2.0%)
Region 8	3 Counties: Custer, Fall River, and Oglala Lakota	29,397	3.3%	3 (5.7%)	25 (1.3%)	0 (0.0%)	1 (2.0%)
Region 9	5 Counties: Bennett, Jackson, Mellette, Tripp, and Todd	23,047	2.6%	1 (2.0%)	22 (1.1%)	3 (0.6%)	1 (2.0%)
Region 10	5 Counties: Aurora, Brule, Charles Mix, Douglas, and Gregory	23,951	2.7%	1 (2.0%)	34 (1.7%)	3 (0.6%)	1 (2.0%)
Region 11	9 Counties: Bon Homme, Clay, Davison, Hanson, Hutchinson, McCook, Turner, Union, Yankton	107,530	12.0%	2 (3.8%)	128 (6.5%)	47 (9.0%)	3 (6.1%)
Region 12	2 Counties: Lincoln and Minnehaha	267,555	29.9%	17 (32.6%)	546 (27.8%)	215 (41.4%)	31 (63.3%)
In-State Total	66 counties	895,376	100.0%	36 (69.2%)	1,262 (64.2%)	425 (81.8%)	45 (91.8%)
Out-of- State	Iowa, Minnesota, Montana, Nebraska, North Dakota, Wyoming	--	--	8 (15.4%)	225 (11.5%)	62 (12.0%)	3 (6.1%)
	Other States/Jurisdictions	--	--	8 (15.4%)	477 (24.3%)	32 (6.2%)	1 (2.0%)
Total		--	--	52 (100%)	1,964 (100%)	519 (100%)	49 (100%)

# National Council of State Boards of Nursing (NCSBN) 2022 National Workforce Survey

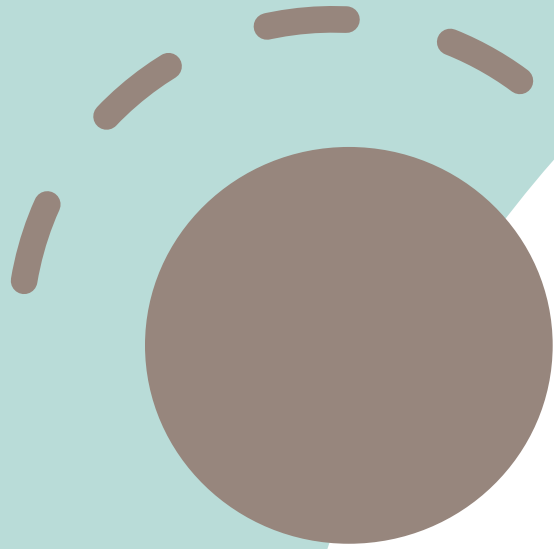
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- Findings confirmed that approximately 100,000 RNs and 34,000 LPNs left the workforce over the past two years due to the pandemic.
- Reasons for leaving:
  - 62% reported increased workload
  - 45%-56% reported feeling emotionally drained, fatigued, and burned out a few times a week to daily
  - 29% reported feeling at the end of their rope a few times a week to daily

# National Council of State Boards of Nursing (NCSBN) Research

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- Looking ahead: Nurses' Intent to Leave by 2027
- 800,000 RNs and 184,000 LPNs are projected to leave the nursing profession by 2027
- Equivalent to roughly 20% of the total licensed RN and LPN workforce
- \* 24% of RNs are younger, early career nurses
  - Intent to leave is specifically due to burnout and stress related to the pandemic
  - Nurses with a mean age of 36 and less than 10 years work experience



# Thank you!

Education and Workforce Reports are available online at:  
<https://doh.sd.gov/boards/nursing/RandP.aspx>